# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 2nd April 2016 Shift 3

| | |
|---|---|
| Roll No: | 18311875150053 |
| Participants Name: | VIJAYA BHARATHI |
| Test Center Name: | Sri Shanmugha College of Engineering and Technology |
| Test Date: | 02/04/2016 |
| Test Time: | 4:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Comprehension:**
Use the following passage for the questions based on it.

Rahul and Kusum are good in Hindi and Maths. Sameer and Rahul are good in Hindi and Biology. Gita and Kusum are good in Marathi and Maths. Sameer, Gita and Mihir are good in History and Biology.

**SubQuestion No : 1**

**Q.1** Who is good in both Biology and Marathi?

Question ID : **2055231427**
Status : **Answered**
Chosen Option : **2**

A. Gita
B. Kusum
C. Sameer
D. Mihir

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Comprehension:**
Use the following passage for the questions based on it.

Rahul and Kusum are good in Hindi and Maths. Sameer and Rahul are good in Hindi and Biology. Gita and Kusum are good in Marathi and Maths. Sameer, Gita and Mihir are good in History and Biology.

**SubQuestion No : 2**

**Q.2** Who is good in only Hindi, Marathi and Maths?

Question ID : **2055231426**
Status : **Answered**
Chosen Option : **4**

A. Sameer
B. Rahul
C. Kusum
D. Gita

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Comprehension:**

Use the following passage for the questions based on it.

Rahul and Kusum are good in Hindi and Maths. Sameer and Rahul are good in Hindi and Biology. Gita and Kusum are good in Marathi and Maths. Sameer, Gita and Mihir are good in History and Biology.

**SubQuestion No : 3**

**Q.3** Who is good in Maths, Biology and Hindi?

Question ID : **2055231428**
Status : **Answered**
Chosen Option : **1**

A. Gita
B. Rahul
C. Sameer
D. Mihir

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

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**Q.4**

Given below is a statement followed by some conclusions. You have to take the given statement to be true even if it seems to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statement.

Question ID : **2055231429**
Status : **Answered**
Chosen Option : **4**

**Statement:**

Hrithik, in spite of his busy schedule, finds time to rest.

**Conclusions:**

I. Hrithik is an organized person.
II. Rest is the most important thing for a busy person.

**Decide the right option from below.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither of them follows

**Ans**
✘ 1. A
✔ 2. D
✘ 3. C
✘ 4. B

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**Q.5** Which among the following is true for the given numbers?

Question ID : **2055231382**
Status : **Answered**
Chosen Option : **2**

A. 13/33 < 32/47 < 20/47 < 25/27
B. 13/33 < 20/47 < 25/27 < 32/47
C. 13/33 < 20/47 < 32/47 < 25/27
D. 20/47 < 13/33 < 32/47 < 25/27

**Ans**
✘ 1. A
✔ 2. C
✘ 3. D
✘ 4. B

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**Q.6** The colour of solid Iodine is –

Question ID : **2055231363**
Status : **Answered**
Chosen Option : **1**

A. White
B. Colorless
C. Purplish Grey to Black
D. Reddish Brown

Ans
1. A
2. D
3. B
4. C

Q.7 Find the LCM of 25/7, 15/28, 20/21.

A. 300/7
B. 300
C. 320/23
D. 320

Question ID : **2055231386**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. C
3. D
4. A

Q.8 Who was the last emperor of the Mauryan Dynasty?

A. Chandragupta
B. Ashoka
C. Brihadratha
D. Shatadhanvan

Question ID : **2055231346**
Status : **Answered**
Chosen Option : **3**

Ans
1. D
2. A
3. B
4. C

Q.9 X is 5 ft tall and he notices that he casts a shadow that's 3 ft long. He then measures that the shadow cast by his school building is 30 ft long. How tall is the building?

A. 50 ft
B. 18 ft
C. 90 ft
D. 150 ft

Question ID : **2055231409**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. B
2. C
3. A
4. D

Q.10 3 chairs and 2 tables cost Rs. 700 and 5 chairs and 3 tables cost Rs. 1100. What is the cost of 1 chair and 2 tables?

A. Rs. 350
B. Rs. 400
C. Rs. 500
D. Rs. 550

Question ID : **2055231401**
Status : **Answered**
Chosen Option : **1**

Ans
1. C
2. A
3. B
4. D

Q.11 The LCM of two numbers is 210. If their HCF is 35 and one of the numbers is 105, find the other number.

A. 35
B. 70
C. 105
D. 140

Question ID : **2055231387**
Status : **Answered**
Chosen Option : **2**

Ans
1. C
2. B

3. A

4. D

**Q.12** Working alone, A can do a job in 15 days and B can do the same job in 18 days. In how many days will the job be completed if both work together?

A. 10/3 days
B. 36/5 days
C. 5/36 days
D. 15 days

Question ID : **2055231391**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** 1. C
2. B
3. D
4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.13** In 2015, _____, a new species of the genus Homo was discovered in the Dinaledi Chamber of the Rising Star cave system, Cradle of Humankind, South Africa.

A. Homo naledi
B. Homo erectus
C. Homo habilis
D. Homo rudolfensis

Question ID : **2055231367**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** ✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

**Q.14** Given below is a statement followed by some conclusions. You have to take the given statement to be true even if it seems to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statement.

**Statement:**

All hard-working people are successful.

**Conclusions:**

I. All successful people are hard-working.

II. Only hard work can guarantee success in life.

**Decide the right option from below.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither of them follows

Question ID : **2055231430**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

**Q.15** In a web browser, which of the following is used to save frequently visited websites?

A. History
B. Task Manager
C. Favorites
D. Save as

Question ID : **2055231374**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Q.16** The Khajuraho Group of Monuments is a UNESCO World Heritage Site located in –

A. Madhya Pradesh
B. Uttar Pradesh
C. Uttarakhand
D. Chattisgarh

Question ID : **2055231347**
Status : **Answered**
Chosen Option : **4**

Ans
1. C
2. D
3. B
4. A

Q.17 If '+' means ×, '−' means ÷, '×' means + and '÷' means − ; compute the value of the expression: 45 − 9 + 4 × 5

A. 21
B. 25
C. 26
D. 23

Question ID : **2055231420**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. C
3. D
4. A

Q.18 On which lake is the Golden Temple located?

A. Amrit Sarovar Lake
B. Golden Lake
C. Harike Lake
D. Sukhna Lake

Question ID : **2055231359**
Status : **Answered**
Chosen Option : **3**

Ans
1. D
2. B
3. A
4. C

Q.19 If three numbers are in the ratio of 1:3:5 and their sum is 10,800. Find the largest of the three numbers.

A. 1200
B. 3600
C. 6000
D. 5400

Question ID : **2055231389**
Status : **Answered**
Chosen Option : **1**

Ans
1. C
2. B
3. A
4. D

Q.20 If **A = 1** and **PAT = 37**, then **PART =**

A. 55
B. 52
C. 51
D. 54

Question ID : **2055231417**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. A
2. D
3. C
4. B

Q.21 A positive number exceed its positive square root by 30. Find the number.

A. 16
B. 36
C. 25
D. 49

Question ID : **2055231399**
Status : **Answered**
Chosen Option : **4**

Ans
1. A
2. C

3. D

4. B

**Q.22** A car travels at the speed of 50 km/hr for the first half of the journey and at the speed of 60 km/hr for the second half of the journey. What is the average speed of the car for the entire journey?

A. 54.54 km/hr
B. 36.36 km/hr
C. 50.5 km/hr
D. 45.45 km/hr

Question ID : **2055231393**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. C
2. D
3. B
4. A

**Q.23** In 2016, who has partnered with ISRO to use space technology for 'predictive policing'?

A. Delhi Police
B. Mumbai Police
C. Chennai Metropolitan Police
D. Kolkata Police

Question ID : **2055231377**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. D
2. A
3. C
4. B

**Q.24** Which of the following technological inventions came first?

A. Telegraph
B. Telescope
C. Telephone
D. Teletype

Question ID : **2055231368**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. C
2. B
3. A
4. D

**Q.25** Rita introduced Seema as her mother's father's only son's daughter. How is Rita related to Seema?

A. Cousin
B. Paternal Aunt
C. Niece
D. Maternal Aunt

Question ID : **2055231410**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. D
2. B
3. C
4. A

**Q.26** Which art form was Mrinalini Sarabhai associated with?

A. Pattachitra
B. Tanjore Painting
C. Bharatnatyam
D. Madhubani Painting

Question ID : **2055231357**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. A
2. D
3. C
4. B

**Q.27**

Choose the pair which is related in the same way as the words in the first pair from the given choices.
**INDIA : TIGER :: USA : _____**

A. UNICORN
B. BALD EAGLE
C. TURUL
D. DRUK

Question ID : **2055231424**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.28** The dimensions of a luggage box are 80 cm, 60 cm and 40 cm. How many sq. cm of cloth is required to cover the box?

A. 10400 sq. cm
B. 20800 sq. cm
C. 20400 sq. cm
D. 10200 sq. cm

Question ID : **2055231403**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.29** The sum of digits of a two-digit number is 10. When the digits are reversed, the number decreases by 54. Find the changed number.

A. 73
B. 28
C. 82
D. 37

Question ID : **2055231380**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.30** The incomes of A and B are in the ratio of 3:2 and their expenditures are Rs. 14,000 and Rs. 10,000 respectively. If A saves Rs. 4000, then B's savings will be:

A. Rs. 4000
B. Rs. 2000
C. Rs. 3000
D. Rs. 5000

Question ID : **2055231388**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.31** Ganesh said, "Anjali is my paternal grandfather's only daughter-in-law's only granddaughter". Ganesh is single and has only one sibling, i.e., an elder sister. How is Ganesh related to Anjali?

A. Maternal Uncle
B. Paternal Uncle
C. Cousin
D. Nephew

Question ID : **2055231411**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.32** Which of the following type of rays does NOT penetrate Earth's atmosphere?

A. Visible Light
B. X-Rays
C. Ultraviolet Rays
D. Radio Waves

Question ID : **2055231361**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A

✗ 2. C

✓ 3. B

✗ 4. D

**Q.33** Simplify: $(2/9+3/5) \div (2/9+2/5)$

Question ID : **2055231384**
Status : **Answered**
Chosen Option : **4**

A. 47/48

B. 47/43

C. 43/47

D. 41/47

**Ans** 1. C

2. D

3. B

4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.34** The first captain of the Indian Cricket team for One Day International was –

Question ID : **2055231351**
Status : **Answered**
Chosen Option : **1**

A. Ajit Wadekar
B. Sunil Gavaskar
C. Kapil Dev
D. C K Nayudu

**Ans** ✗ 1. D

✗ 2. B

✗ 3. C

✓ 4. A

**Q.35** The principle of regarding the beliefs, values, and practices of a culture from the viewpoint of that culture itself is called –

Question ID : **2055231371**
Status : **Answered**
Chosen Option : **2**

A. Cultural Functionalism
B. Cultural Relativism
C. Cultural Independence
D. Cultural Interdependence

**Ans** ✗ 1. D

✗ 2. A

✗ 3. C

✓ 4. B

**Q.36** Rearrange the following jumbled sentences to make a meaningful one:

Question ID : **2055231415**
Status : **Answered**
Chosen Option : **4**

**P:** are inhibiting progress
**Q:** they look for creative
**R:** rather than the conventional solution of outsourcing
**S:** solutions to problems that

The proper sequence should be:

A. SRQP
B. QSPR
C. PQRS
D. QRPS

**Ans** ✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

**Q.37** P is twice as efficient as Q. Q takes 12 days to complete a job. If both of them work together, how much time will they take to complete the job?

Question ID : **2055231390**
Status : **Answered**
Chosen Option : **3**

A. 6 days
B. 5 days
C. 4 days
D. 3 days

Ans
1. B
2. C
3. A
4. D

**Q.38** In January 2016, Indian Defence Minister hoisted the world's largest tri-colour on the tallest flag-post at –

A. New Delhi
B. Jaipur
C. Ranchi
D. Leh

Question ID : **2055231340**
Status : **Answered**
Chosen Option : **4**

Ans
1. A
2. B
3. C
4. D

**Q.39** What is the median of the following list of numbers: 5, 3, 6, 9, 11, 19, and 1?

A. 5
B. 6
C. 9
D. 11

Question ID : **2055231406**
Status : **Answered**
Chosen Option : **2**

Ans
1. C
2. B
3. D
4. A

**Q.40** A sold a toy to B at a profit of 15%. Later on, B sold it back to A at a profit of 20%, thereby gaining Rs. 552. How much did A pay for the toy originally?

A. Rs. 2400
B. Rs. 2560
C. Rs. 2760
D. Rs. 2800

Question ID : **2055231397**
Status : **Answered**
Chosen Option : **1**

Ans
1. C
2. B
3. D
4. A

**Q.41** Which of the following is NOT a Greenhouse Gas?

A. Nitrous Oxide
B. Methane
C. Sulphur Hexafluoride
D. Copper Dioxide

Question ID : **2055231353**
Status : **Answered**
Chosen Option : **2**

Ans
1. C
2. B
3. D
4. A

**Q.42** On which festival did the Jallianwala Baug Massacre take place?

A. Baisakhi
B. Guru Nanak Jayanti
C. Diwali
D. Holi

Question ID : **2055231348**
Status : **Answered**
Chosen Option : **2**

Ans
1. D
2. A
3. B

✗ 4. C

**Q.43** The 2016 World Economic Forum Annual Meeting took place in –

A. Germany
B. Switzerland
C. France
D. United Kingdom

Question ID : **2055231342**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

**Q.44** Which of the following is NOT a computer virus?

A. AIDS
B. Anna Kournikova
C. Brain
D. Don

Question ID : **2055231372**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

**Q.45** In the Republic of India, the administrative head of a Union Territory is –

A. Lieutenant Governor
B. Governor
C. President
D. Prime Minister

Question ID : **2055231356**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.46** The Jayakwadi Project, which is one of the largest irrigation projects is on the river –

A. Godavari
B. Narmada
C. Krishna
D. Tapi

Question ID : **2055231343**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Q.47** Which of the following is the largest glacier in India?

A. Gangotri Glacier
B. Drang Drung Glacier
C. Siachen Glacier
D. Shafat Glacier

Question ID : **2055231344**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.48**

Which was the first women's sport to be introduced in the Olympics?

A. Gymnastics
B. Volleyball
C. Golf
D. Badminton

Question ID : **2055231350**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.49** A wire when bent in the form of a square encloses an area of 484 sq. cm. If the same wire is bent in the form of a circle, what is the area enclosed by it?

A. 264 sq. cm
B. 616 sq. cm
C. 488 sq. cm
D. 492 sq. cm

Question ID : **2055231402**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

**Q.50** What will Rs. 40,000 amount to in 2 years at the rate of 20% p.a., if interest is compounded yearly?

A. Rs. 48,620
B. Rs. 58,564
C. Rs. 57,600
D. Rs. 60,000

Question ID : **2055231394**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. D
✔ 3. C
✘ 4. B

**Q.51** How long will a sum of money take to double, if it is invested at 9.09% p.a. simple interest?

A. 12 years
B. 14 years
C. 11 years
D. 13 years

Question ID : **2055231395**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. B
✔ 2. C
✘ 3. D
✘ 4. A

**Q.52** From 1337 to 1453, who were the main combatants in the Hundred Year's War?

A. Kingdom of Germany and Kingdom of France
B. Kingdom of Germany and Kingdom of Italy
C. Kingdom of France and Kingdom of Spain
D. Kingdom of England and Kingdom of France

Question ID : **2055231345**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. A
✘ 2. C
✔ 3. D
✘ 4. B

**Q.53** A train crosses a stationary object in 10 seconds. What is the length of the train if the speed of the train is 25 m/s?

A. 300 m
B. 250 m
C. 320 m
D. 200 m

Question ID : **2055231392**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✔ 2. B
✘ 3. A

✗ 4. D

**Q.54** Google, in partnership with the Railway's telecom wing RailTel, introduced the first public Wi-Fi service at the _____ railway station.

A. Trivandrum Central
B. Mumbai Central
C. Howrah Station
D. Kanpur Central

Question ID : **2055231341**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.55** If the pH value of a substance is lower than 7, it would be considered as –

A. Neutral
B. Base
C. Acid
D. Ion

Question ID : **2055231364**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

**Q.56** In 2013, the first human liver was grown from stem cells in –

A. Japan
B. USA
C. Germany
D. France

Question ID : **2055231369**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.57** Two poles of the height 12 m and 17 m stand vertically upright on a plane ground. If the distance between their feet is 12 m, find the distance between their tops.

A. 11 m
B. 12 m
C. 13 m
D. 14 m

Question ID : **2055231404**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.58** In which state is the World Heritage Site 'Basilica of Bom Jesus' located?

A. Goa
B. Andhra Pradesh
C. Tamil Nadu
D. Kerala

Question ID : **2055231360**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

**Q.59**

Question ID : **2055231418**
Status : **Answered**
Chosen Option : **1**

If **PLUTO = QKVSP**, then **SATURN =**

A. TZUTSM
B. TATUTM
C. TZUTRO
D. RZUTSO

**Ans**
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

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**Q.60** If P713 is divisible by 11, find the value of the smallest natural number P?

Question ID : **2055231381**
Status : **Answered**
Chosen Option : **3**

A. 5
B. 6
C. 7
D. 9

**Ans**
✘ 1. A
✘ 2. C
✔ 3. D
✘ 4. B

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**Q.61** If '+' means ×, '−' means ÷, '×' means + and '÷' means − ; compute the value of the expression: **15 + 9 × 10 ÷ 5**

Question ID : **2055231421**
Status : **Answered**
Chosen Option : **1**

A. 140
B. 190
C. 145
D. 130

**Ans**
✔ 1. A
✘ 2. D
✘ 3. C
✘ 4. B

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**Q.62** Which of the following is NOT a rich source of Calcium?

Question ID : **2055231365**
Status : **Answered**
Chosen Option : **1**

A. Cheese
B. Collard Greens
C. Figs
D. Carrots

**Ans**
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

---

**Q.63** Pointing at a photograph, Ramesh said, "He is Rahul, my brother's son's only paternal uncle's wife's brother". How is Rahul related to Ramesh?

Question ID : **2055231412**
Status : **Answered**
Chosen Option : **3**

A. Brother-in-law
B. Brother
C. Cousin
D. Son

**Ans**
✘ 1. C
✘ 2. D
✔ 3. A
✘ 4. B

---

**Q.64**

Question ID : **2055231358**
Status : **Answered**

Who was the first Indian to become a Nobel Laureate?

Chosen Option : **2**

A. Rabindranath Tagore
B. Mahatma Gandhi
C. C. V. Raman
D. Mother Teresa

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

---

**Q.65** Choose the pair which is related in the same way as the words in the first pair from the given choices.
OPTHALMOLOGIST : EYE :: NEPHROLOGIST : _____

Question ID : **2055231440**
Status : **Answered**
Chosen Option : **4**

A. NERVOUS SYSTEM
B. LIVER
C. KIDNEY
D. STOMACH

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

---

**Q.66** Indian born Shiva Ayyadurai is associated with the invention of –

Question ID : **2055231373**
Status : **Not Attempted**
Chosen Option : **--**

A. Email
B. Internet
C. Keyboard
D. Mouse

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

---

**Q.67** Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

Question ID : **2055231414**
Status : **Answered**
Chosen Option : **1**

**Statements:**

A. All boys are monkeys.
B. Some plants are monkeys.

**Conclusions:**

I. Some monkeys are boys.
II. All plants are boys.

**Decide which of the below conclusions logically follows from the given statements.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither of them follows

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

---

**Q.68**

Question ID : **2055231405**
Status : **Answered**

The average of 11 results is 50. The average of the first 6 results is 49 and that of the last 6 results is 52. What is the 6th result?

A. 48
B. 51
C. 56
D. 49

Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

---

**Q.69** 5.36 × 3.6 =

A. 19.296
B. 18.946
C. 21.996
D. 20.26

Question ID : **2055231385**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

---

**Q.70** Compute: (18 + 2×3.3) ÷ 0.003

A. 11200
B. 5100
C. 1120
D. 1610

Question ID : **2055231383**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** 1. A
2. C
3. B
4. D

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

---

**Q.71** A ladder 10 m long is leaning against a vertical wall. It makes an angle of 60° with the ground. How far is the foot of the ladder from the wall?

A. 5 m
B. 8.66 m
C. 17.32 m
D. 15 m

Question ID : **2055231408**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

---

**Q.72**

Question ID : **2055231431**
Status : **Answered**
Chosen Option : **3**

Given below is a statement followed by some conclusions. You have to take the given statement to be true even if it seems to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statement.

**Statement:**

Sachin Tendulkar was the greatest batsman in Indian Cricket.

**Conclusions:**

I. There will be no other batsman greater than Sachin Tendulkar in Indian Cricket.

II. Sachin Tendulkar is the greatest batsman in the world.

**Choose the right option from below**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither of them follows

**Ans**
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

---

**Q.73** In January 2016, the Union Cabinet approved the proposal of the Ministry of Power for amendments in the Tariff Policy with the focus on 4 Es. Which of the following is NOT a part of the 4 Es?

A. Electricity for all
B. Environment for sustainable future
C. Ease of doing business to attract investments
D. Ensuring affordable electrical goods to all

Question ID : **2055231354**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

---

**Q.74** Choose the pair which is related in the same way as the words in the first pair from the given choices.
**CRICKET : PITCH :: SKATING : _____**

A. RINK
B. GROUND
C. COURT
D. RING

Question ID : **2055231441**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

---

**Q.75** Below are two statements. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts.

**Statements:**

I. Some trees are buildings.

II. All buildings are parrots.

**Decide which of the below conclusions logically follows from the given statements.**

A. All parrots are trees
B. All parrots are buildings
C. Some parrots are buildings
D. No parrot is a tree

Question ID : **2055231413**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A

3. B

4. C

**Q.76** Re-location of endangered or rare species from their natural habitat to protected areas equipped for their protection and preservation is called –

A. Ex situ conservation
B. In situ conservation
C. Exile conservation
D. Escaped conservation

Question ID : **2055231370**
Status : **Answered**
Chosen Option : **3**

**Ans**

1. D

2. B

3. A

4. C

**Q.77** From which country is the 'Fundamental Duties' of the Indian Constitution borrowed?

A. UK
B. USA
C. USSR
D. Australia

Question ID : **2055231355**
Status : **Answered**
Chosen Option : **3**

**Ans**

1. A

2. D

3. C

4. B

**Q.78** In India, the highest cricket ground above sea level lies in which state?

A. Himachal Pradesh
B. Sikkim
C. Uttar Pradesh
D. Assam

Question ID : **2055231352**
Status : **Answered**
Chosen Option : **4**

**Ans**

1. C

2. D

3. B

4. A

**Comprehension:**

**Study the following table and answer the questions based on it.**

Given below is the list of expenditures (in lakh rupees) per annum of Company Z over the years.

| Year | Expenditure Items for Company Z | | | | |
|---|---|---|---|---|---|
| | Salary | Fuel and Transport | Bonus | Interest on Loans | Taxes |
| 2011 | 412 | 227 | 15 | 133.4 | 98 |
| 2012 | 557 | 233 | 16.5 | 142.5 | 138 |
| 2013 | 656 | 245 | 17.3 | 151.6 | 174 |
| 2014 | 680 | 260 | 17.9 | 166.4 | 188 |
| 2015 | 720 | 284 | 18.5 | 179.4 | 198 |

**SubQuestion No : 79**

**Q.79** What is the average amount of Bonus per year?

A. Rs. 17.04 Lakhs
B. Rs. 17 Lakhs
C. Rs. 17.4 Lakhs
D. Rs. 16.8 Lakhs

Question ID : **2055231437**
Status : **Answered**
Chosen Option : **2**

**Ans**

1. A

✗ 2. C

✗ 3. D

✗ 4. B

**Comprehension:**

**Study the following table and answer the questions based on it.**

Given below is the list of expenditures (in lakh rupees) per annum of Company Z over the years.

| Year | Expenditure Items for Company Z | | | | |
|---|---|---|---|---|---|
| | Salary | Fuel and Transport | Bonus | Interest on Loans | Taxes |
| 2011 | 412 | 227 | 15 | 133.4 | 98 |
| 2012 | 557 | 233 | 16.5 | 142.5 | 138 |
| 2013 | 656 | 245 | 17.3 | 151.6 | 174 |
| 2014 | 680 | 260 | 17.9 | 166.4 | 188 |
| 2015 | 720 | 284 | 18.5 | 179.4 | 198 |

**SubQuestion No : 80**

**Q.80** What is the total expenditure of Company Z in the year 2011?

A. Rs. 897.2 Lakhs
B. Rs. 827.5 Lakhs
C. Rs. 885.4 Lakhs
D. Rs. 727.1 Lakhs

Question ID : **2055231438**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. D

✗ 2. A

✗ 3. B

✓ 4. C

**Comprehension:**

**Study the following table and answer the questions based on it.**

Given below is the list of expenditures (in lakh rupees) per annum of Company Z over the years.

| Year | Expenditure Items for Company Z | | | | |
|---|---|---|---|---|---|
| | Salary | Fuel and Transport | Bonus | Interest on Loans | Taxes |
| 2011 | 412 | 227 | 15 | 133.4 | 98 |
| 2012 | 557 | 233 | 16.5 | 142.5 | 138 |
| 2013 | 656 | 245 | 17.3 | 151.6 | 174 |
| 2014 | 680 | 260 | 17.9 | 166.4 | 188 |
| 2015 | 720 | 284 | 18.5 | 179.4 | 198 |

**SubQuestion No : 81**

**Q.81** What is the expenditure on Fuel and Transport as a percentage of expenditure on Salary for the year 2012?

A. 41.8%
B. 40.1%
C. 43.1%
D. 44.2%

Question ID : **2055231439**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. A

✗ 2. D

✗ 3. C

✗ 4. B

**Q.82**

The cost of 2 pencil, 4 pens and 8 erasers is Rs. 12 and the cost of 8 pens, 10 pencils and 4 erasers is Rs. 36. How much will 3 pencils, 3 pens and 3 erasers cost?

A. Rs. 10
B. Rs. 15
C. Rs. 12
D. Rs. 18

Question ID : **2055231400**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.83** If **BEAR = YVZI**, then **BUILDING =**

A. ATHKCHMF
B. YFROWRMT
C. YFSWOSMR
D. ATHKCHMT

Question ID : **2055231419**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

**Q.84** What is Geotropism?

A. Growth of plants in response to Gravity
B. Growth of plants in response to Sunlight
C. Growth of plants in response to Nutrients
D. Growth of plants in response to Water

Question ID : **2055231366**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. C
✘ 3. B
✔ 4. A

**Q.85** If the cost price of 120 articles is equal to the selling price of 80 articles, find the profit percent.

A. 33.33%
B. 40%
C. 50%
D. 60%

Question ID : **2055231396**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✘ 2. A
✔ 3. C
✘ 4. B

**Q.86** In 2016, ISRO conducted 1st satellite-based warning system trial for Indian Railways in -

A. Mumbai
B. Ahmedabad
C. Kolkata
D. Delhi

Question ID : **2055231376**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. A
✘ 2. D
✔ 3. B
✘ 4. C

**Q.87** In 1831, electricity became viable for use in technology when _____ created the electric dynamo.

A. Benjamin Franklin
B. Alessandro Volta
C. Michael Faraday
D. Thomas Edison

Question ID : **2055231379**
Status : **Not Attempted**

Chosen Option : --

Ans
1. A
2. D
3. C
4. B

Q.88 If **RAILWAY** is coded as **24-7-15-18-29-7-31** then how will you code **STATION**?

A. 25-24-7-24-15-21-19
B. 25-26-7-26-15-21-20
C. 25-24-8-24-15-21-19
D. 25-26-8-26-15-21-20

Question ID : **2055231416**
Status : **Answered**
Chosen Option : **4**

Ans
1. A
2. D
3. C
4. B

Q.89 Select the correct set of symbols:

**64 4 5 8 = 88**

A. ×, −, ÷
B. + , ÷, −
C. + , − , ÷
D. ÷, ×, +

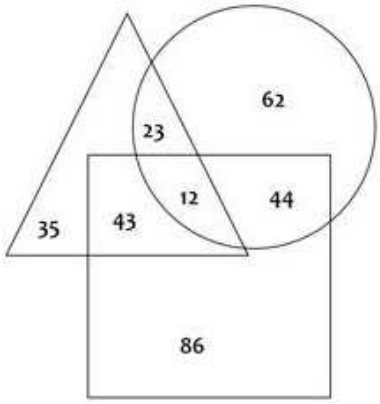
Question ID : **2055231422**
Status : **Answered**
Chosen Option : **3**

Ans
1. B
2. C
3. D
4. A

**Comprehension:**

Study the diagram given below and answer the questions based on it.

△ represents Students who have chosen Arts course
○ represents Students who have chosen Science course
□ represents Students who have chosen Dance course




**SubQuestion No : 90**

Q.90 How many students have chosen the Science course?

A. 141
B. 185
C. 113
D. 145

Question ID : **2055231435**
Status : **Answered**
Chosen Option : **2**

Ans
1. D

✔ 2. A

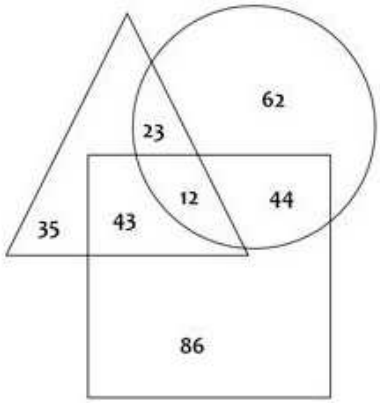
✘ 3. C

✘ 4. B

**Comprehension:**

Study the diagram given below and answer the questions based on it.

△ represents Students who have chosen Arts course
○ represents Students who have chosen Science course
□ represents Students who have chosen Dance course




**SubQuestion No : 91**

**Q.91** How many students have chosen Dance course and Science course but not the Arts course?

A. 43
B. 44
C. 12
D. 23

Question ID : **2055231434**
Status : **Answered**
Chosen Option : **1**

**Ans** ✔ 1. B

✘ 2. D

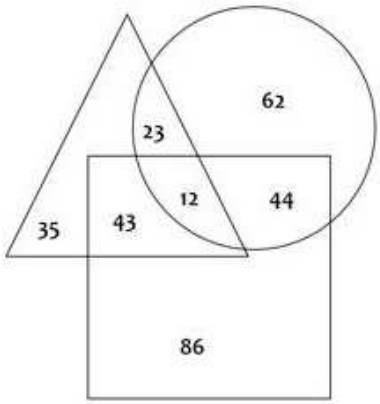
✘ 3. C

✘ 4. A

**Comprehension:**

Study the diagram given below and answer the questions based on it.

△ represents Students who have chosen Arts course
○ represents Students who have chosen Science course
□ represents Students who have chosen Dance course




**SubQuestion No : 92**

**Q.92** How many students have chosen Arts course and Science course but not the Dance course?

A. 23
B. 12
C. 35
D. 44

Question ID : **2055231433**
Status : **Answered**
Chosen Option : **1**

**Ans** ✔ 1. A

✗ 2. C

✗ 3. D

✗ 4. B

**Q.93** When an object thrown straight upwards gets to the top of its path, its

A. Velocity is zero and its acceleration is zero
B. Velocity is zero and its acceleration is about 10 $m/s^2$
C. Velocity is 10 m/s and its acceleration is zero
D. Velocity is 10 m/s and its acceleration is about 10 $m/s^2$

Question ID : **2055231362**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.94** Select the correct set of symbols:

**21 9 13 7 = 195**

A. ×, −, ÷
B. + , ÷, −
C. + , − , ÷
D. ×, +, −

Question ID : **2055231423**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.95** Which of the following gases in air is responsible for the discoloration of Brass?

A. Hydrogen Sulphide
B. Carbon Dioxide
C. Nitrogen
D. Carbon Monoxide

Question ID : **2055231378**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.96** Choose the one which is different or odd from the following.

A. Dal Lake
B. Sambhar Lake
C. Vembanad Lake
D. Wular Lake

Question ID : **2055231442**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.97** What is the mode of the following list of numbers: 2, 4, 5, 6, 5, 4, 3, 5, 3, 1, and 7?

A. 3
B. 4
C. 5
D. 2

Question ID : **2055231407**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C

✗ 3. A

✗ 4. D

**Q.98** India's national motto, Satyameva Jayate (lit. "Truth alone triumphs"), is a mantra from the ancient Indian scripture -

A. Rigveda
B. Mundaka Upanishad
C. Bhagavad Gita
D. Matsya Purana

Question ID : **2055231349**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. D

✗ 2. A

✗ 3. C

✓ 4. B

**Q.99** P bought an article for Rs. 400 and sold it at a profit of 10%. What would have been the increase in the profit percent if it was sold for Rs. 460?

A. 5%
B. 10%
C. 12%
D. 15%

Question ID : **2055231398**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. B

✓ 2. A

✗ 3. D

✗ 4. C

**Q.100** In 2016, ISRO successfully launched its fifth navigation satellite called –

A. IRNSS 1D
B. IRNSS 1E
C. VELOX-C1
D. TeLEOS-1

Question ID : **2055231375**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. D

✓ 2. B

✗ 3. A

✗ 4. C

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

RRB NTPC 3rd April 2016 Shift 1

| | |
|---|---|
| Roll No: | |
| Participants Name: | |
| Test Center Name: | |
| Test Date: | 03/04/2016 |
| Test Time: | 9:00 AM 10:30 AM |
| Subject: | RRB NTPC Graduate |

1. Options shown in green color with a tick icon are correct
2. Chosen option on top right of the question indicates the option selected by the candidate

Q.1 What among the following is FALSE about the Richter scale?

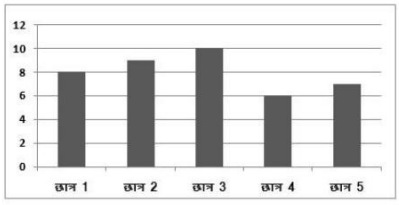
Question ID : 988837950
Status : Not Attempted
Chosen Option :

A. It was developed by Charles Richter and Gutenberg in 1935.
B. It is a logarithmic scale
C. It can be measured using a seismometer
D. Magnitude of 8-9 on a Richter scale means it is a micro earthquake.

Ans
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

Q.2 निम्नलिखित ग्राफ गणित में 5 छात्रों द्वारा प्राप्त अंकों को दर्शाता है। उनके अंक 10 में से दिये गये हैं।

Question ID : 988837996
Status : Not Attempted
Chosen Option :




छात्र 3 और 5 ने छात्र 4 और 1 से कितने ज्यादा अंक प्राप्त किये?

A. 2
B. 1
C. 3
D. 4

Ans
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

Q.3 डिजिटल संकेतों को समवृत्ति संकेतों में परिवर्तीत करने वाला उपकरण कौन सा है?

Question ID : 988837965
Status : Answered
Chosen Option : 1

A. WiFi
B. Modem
C. Port
D. USB

Ans
1. D
2. A
3. B
4. C

Q.4 If N:38::3:57, Find N.

A. 2/3
B. 1/3
C. 3
D. 2

Question ID : 988837977
Status : Answered
Chosen Option : 3

Ans
1. C
2. A
3. D
4. B

Q.5 The distance between two points A and B is covered in 5 ½ hours at a speed of 50 km/hr. If the speed is increased by 5km/hr, how much time would be saved?

A. 5 minutes
B. 15 minutes
C. 50 minutes
D. 0 minutes

Question ID : 988837978
Status : Answered
Chosen Option : 2

Ans
1. A
2. D
3. B
4. C

Q.6 If $x=7-4\sqrt{3}$ find the value of $\sqrt{x}+\frac{1}{\sqrt{x}}$

A. 0
B. 1
C. 4
D. -4

Question ID : 988837987
Status : Answered
Chosen Option : 3

Ans
1. D
2. A
3. C
4. B

Q.7 Which is India's longest river that does not flow into the sea?

A. Ganga
B. Jamuna
C. Tapti
D. Kaveri

Question ID : 988837961
Status : Not Attempted
Chosen Option :

Ans
1. A

2. C

3. D

4. B

Q.8 What is the most cultivated crop in India?

A. Ragi

B. Wheat

C. Corn

D. Rice

Question ID : 988837956
Status : Answered
Chosen Option : 1

Ans 1. B

2. C

3. D

4. A

Q.9 In which city is the value of Gold determined?

A. California

B. Sydney

C. Rome

D. London

Question ID : 988837957
Status : Not Attempted
Chosen Option :

Ans 1. C

2. B

3. A

4. D

Q.10 Find the similarity in the following:
**Elephant, Camel, Buffalo, Giraffe**

A. The milk produced by all of them cannot be consumed by people.

B. All of them have horns.

C. None of them are mammals.

D. The young ones of all of them are called calf.

Question ID : 9888371008
Status : Answered
Chosen Option : 3

Ans 1. C

2. D

3. A

4. B

Q.11

Question ID : 988837988
Status : Answered
Chosen Option : 3

If $y=\frac{2x-1}{x+3}$, find x when y=1

A. 4

B. -4

C. 3/2

D. 4/3

Ans
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

Q.12 Which vitamin among the following is crucial for blood clotting?

A. Vitamin B12
B. Vitamin D
C. Vitamin A
D. Vitamin E

Question ID : 988837954
Status : Answered
Chosen Option : 3

Ans
✗ 1. C
✓ 2. A
✗ 3. D
✗ 4. B

Q.13 If the mathematical operators, '+' and '×' are interchanged, what will be the value of the equation 9÷5+10–23×2

A. 3
B. 2
C. -3
D. -5

Question ID : 9888371005
Status : Answered
Chosen Option : 2

Ans
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

Q.14 A wire is in the shape of a rectangle. Its length is 42.7m and breadth is 21.8m. If the same wire is re-bent in the shape of a square, what will be the measure of the side of the square?

A. 16.125
B. 32.25
C. 11.35
D. 22.70

Question ID : 988837992
Status : Not Attempted
Chosen Option :

Ans
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

Q.15 According to the Swachh Bharat 2015 survey, which is the cleanest city in India?

A. Chennai
B. Delhi
C. Ahmedabad
D. Mysore

Question ID : 988837947
Status : Answered
Chosen Option : 4

Ans

1. A
2. B
3. C
4. D

Q.16 Which is the most peaceful country according to the 2015 Global Peace Index?

A. Iceland
B. Bhutan
C. Austria
D. New Zealand

Question ID : 988837964
Status : Answered
Chosen Option : 3

Ans
1. C
2. A
3. D
4. B

Q.17 Where did the Chipko movement begin?

A. Rajasthan
B. Assam
C. Arunachal Pradesh
D. Mizoram

Question ID : 988837942
Status : Answered
Chosen Option : 1

Ans
1. C
2. D
3. B
4. A

Q.18 Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

A. ORIN
B. NADS
C. POPCER
D. DLOG

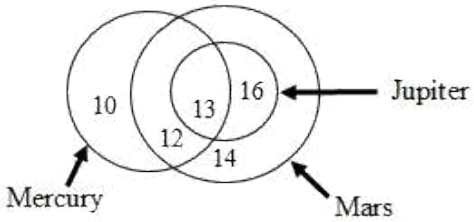
Question ID : 9888371019
Status : Answered
Chosen Option : 1

Ans
1. D
2. B
3. C
4. A

Comprehension:

Study the following diagram and answer questions based on it.

The diagram represents the likes of kids of a class.



SubQuestion No : 19

Q.19 The ratio of kids who like only Mars to those who like all the three is

A. 7/5
B. 7/8
C. 7/6
D. 14/13

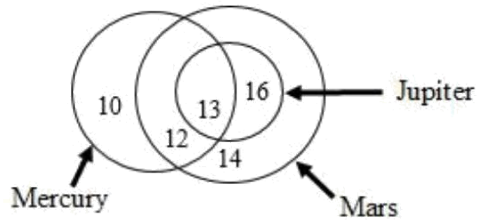
Question ID : 9888371021
Status : Answered
Chosen Option : 1

Ans
1. D
2. C
3. A
4. B

Comprehension:

Study the following diagram and answer questions based on it.

The diagram represents the likes of kids of a class.




SubQuestion No : 20

Q.20 What is the difference between the kids who like Mercury and Jupiter?

A. 6
B. 8
C. 10
D. 12

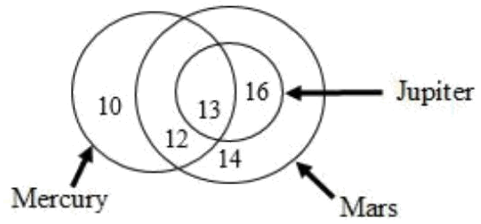
Question ID : 9888371022
Status : Answered
Chosen Option : 1

Ans
1. A
2. B
3. D
4. C

Comprehension:

Study the following diagram and answer questions based on it.

The diagram represents the likes of kids of a class.




SubQuestion No : 21

Q.21

Question ID : 9888371023
Status : Answered
Chosen Option : 2

How many people who like Mars like Jupiter also?

A. 45
B. 29
C. 26
D. 13

Ans
1. C
2. D
3. B
4. A

Q.22 Name the capital of Uganda?

A. Mogadishu
B. Kampala
C. Lusaka
D. Bulenga

Question ID : 988837960
Status : Marked For Review
Chosen Option : 3

Ans
1. C
2. A
3. B
4. D

Q.23 What is Madhubani art?

A. The art of Storytelling
B. The art of Gujarat
C. A folk art practiced in Bihar
D. The art of honey extraction

Question ID : 988837936
Status : Marked For Review
Chosen Option : 1

Ans
1. A
2. D
3. B
4. C

Q.24 What is 'Planet Nine'?

A. A planet in the Comet Galaxy
B. A planet in Andromeda Galaxy
C. A planet where the 'Star Wars' series took place
D. A large icy planet proposed in the outer Solar System

Question ID : 988837928
Status : Not Attempted
Chosen Option :

Ans
1. D
2. A
3. B

4. C

Q.25 Which is NOT an Operating System?

A. OS X
B. Windows 7
C. DOS
D. C++

Question ID : 988837966
Status : Answered
Chosen Option : 1

Ans
1. D
2. B
3. C
4. A

Q.26 What is the smallest number of 5 digits which is exactly divisible by 12, 24, 48, 60 and 96?

A. 10000
B. 10024
C. 10160
D. 10080

Question ID : 988837974
Status : Not Attempted
Chosen Option :

Ans
1. C
2. A
3. D
4. B

Q.27 Find the cost in rupees for carpeting a room 65dm x 30dm at Rs.45 per sq.m

A. 877.50
B. 87750
C. 87.75
D. 8775

Question ID : 988837991
Status : Answered
Chosen Option : 2

Ans
1. B
2. A
3. C
4. D

Q.28 What is most common treatment for bacterial infections in humans?

A. Aspirin
B. Antibodies
C. Antibiotics
D. Antigen

Question ID : 988837955
Status : Answered
Chosen Option : 4

Ans
1. B
2. D
3. A
4. C

Q.29 The ratio of ages of Jai and Joy is 5:2. The sum of their ages is 63. After 9 years what will be the ratio of their ages?

A. 5:2
B. 2:1
C. 3:2
D. 4:3

Question ID : 988837976
Status : Answered
Chosen Option : 2

Ans
1. C
2. B
3. A
4. D

Q.30 By selling 90 chocolates for Rs.160, a chocolate trader loses 20%. How many chocolates should he sell for Rs.96 to make a profit of 20%?

A. 45
B. 36
C. 54
D. 28

Question ID : 988837985
Status : Not Attempted
Chosen Option :

Ans
1. C
2. D
3. A
4. B

Q.31 What is an archipelago?

A. Group, chain, cluster or collection of Islands
B. The meeting of Land and Sea
C. An Architect's paradise
D. A type of Church

Question ID : 988837963
Status : Not Attempted
Chosen Option :

Ans
1. C
2. D
3. A
4. B

Comprehension:

Six animals - horse, cow, pig, dog, donkey and goat are tied to a pole each, in a circle, facing each other, in random order. Consider the following information and answer the questions based on it.

1. Goat is to the immediate right of pig.
2. Cow is not tied next to either donkey or dog.
3. If the animals mark the vertices of a hexagon, then the horse is diagonally opposite to the pig.

SubQuestion No : 32

Q.32 The cow is tied to the immediate left of

A. Goat
B. Pig
C. Horse
D. Dog

Question ID : 9888371014
Status : Answered
Chosen Option : 3

Ans
1. D

2. B

3. A

4. C

Comprehension:

Six animals - horse, cow, pig, dog, donkey and goat are tied to a pole each, in a circle, facing each other, in random order. Consider the following information and answer the questions based on it.

1. Goat is to the immediate right of pig.
2. Cow is not tied next to either donkey or dog.
3. If the animals mark the vertices of a hexagon, then the horse is diagonally opposite to the pig.

SubQuestion No : 33

Q.33 Which pair is tied next to each other?

A. Horse and Goat

B. Pig and Cow

C. Goat and Dog

D. Donkey and Dog

Question ID : 9888371015
Status : Answered
Chosen Option : 3

Ans 1. A

2. C

3. D

4. B

Comprehension:

Six animals - horse, cow, pig, dog, donkey and goat are tied to a pole each, in a circle, facing each other, in random order. Consider the following information and answer the questions based on it.

1. Goat is to the immediate right of pig.
2. Cow is not tied next to either donkey or dog.
3. If the animals mark the vertices of a hexagon, then the horse is diagonally opposite to the pig.

SubQuestion No : 34

Q.34 Which animal is tied to the immediate left of pig?

A. Goat

B. Donkey

C. Dog

D. Cannot be determined

Question ID : 9888371016
Status : Answered
Chosen Option : 1

Ans 1. D

2. B

3. C

4. A

Q.35

Question ID : 988837939
Status : Not Attempted

सबरी कार्तिक (Sabari Karthik) कौन हैं?

A. प्रसिद्ध भारतीय कराटे चैंपियन
B. रग्बी खिलाड़ी
C. क्रिकेट खिलाड़ी
D. कबड्डी चैंपियन

Chosen Option :

Ans
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

Q.36 Which among the following is popularly called Laughing Gas?

A. Nitric oxide
B. Nitrogen dioxide
C. Nitrous oxide
D. Nitrogen peroxide

Question ID : 988837952
Status : Answered
Chosen Option : 1

Ans
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

Q.37 Four pairs of words are given. Find the odd one out.

A. 65th anniversary : Diamond Jubilee
B. 50th anniversary : Golden Jubilee
C. 40th anniversary : Ruby Jubilee
D. 25th anniversary : Silver Jubilee

Question ID : 9888371006
Status : Answered
Chosen Option : 1

Ans
✓ 1. A
✗ 2. C
✗ 3. B
✗ 4. D

Q.38 A lady wants to buy the following items in the given price range –

1. Tomato between Rs. 40 and Rs. 45 per kg.
2. Grapes in the price range of Rs. 80 and Rs. 90 per kg.
3. Milk packets at Rs. 23 per litre.

In which shop from the following will she definitely get all her items?

A. Shop S sells tomato at Rs. 22.5 per half kg, grapes at Rs. 82 per kg and milk at Rs. 24 per litre.
B. Shop H sells grapes at Rs. 21 per quarter kg, milk at 12.5 per half litre and tomato at Rs. 22 per half kg.
C. Shop O sells milk at Rs. 11.5 per half litre, tomato at 21 per half kg and grapes at Rs. 43 per half kg.
D. Shop P sells tomato at Rs. 23.5 per half kg, grapes at Rs.85 per kg and milk at Rs. 23 per litre.

Question ID : 9888371028
Status : Answered
Chosen Option : 4

Ans
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

Q.39 What did M. S. Swaminathan an Indian geneticist, play a leading role in?

A. Yellow Revolution
B. White Revolution
C. Green Revolution
D. Black Revolution

Question ID : 988837946
Status : Answered
Chosen Option : 3

Ans
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

Q.40 What is the mean of the marks scored by students in a science exam?
**41, 39, 52, 48, 54, 62, 46, 52, 40, 96, 42, 40, 98, 60, 52**

A. 54.8
B. 58.4
C. 53.4
D. 53.8

Question ID : 988837997
Status : Not Attempted
Chosen Option :

Ans
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

Q.41 Simplify: **(-4.6)×(-4.6)÷(-4.6+0.6)**

A. -5.29
B. -0.529
C. -4.06
D. 5.01

Question ID : 988837971
Status : Answered
Chosen Option : 4

Ans
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

Q.42 Indian currency notes are printed in which place?

A. New Delhi
B. Bombay
C. Nashik
D. Agra

Question ID : 988837958
Status : Answered
Chosen Option : 2

Ans
✓ 1. C
✗ 2. B
✗ 3. D

4. A

Q.43 The price of 4 ½ m of cloth is Rs.60 ¾. Find the cost per meter.

A. 15 ½
B. 13 ½
C. 14 ¾
D. 13 ¾

Question ID : 988837973
Status : Answered
Chosen Option : 3

Ans
1. D
2. C
3. B
4. A

Q.44 What is the number of Galilean moons of Jupiter discovered by Galileo Galilei in January 1610?

A. 2
B. 3
C. 4
D. 5

Question ID : 988837967
Status : Marked For Review
Chosen Option : 4

Ans
1. C
2. D
3. B
4. A

Q.45 Mica is available abundantly in which state?

A. West Bengal
B. Madhya Pradesh
C. Bihar
D. Rajasthan

Question ID : 988837962
Status : Marked For Review
Chosen Option : 4

Ans
1. A
2. D
3. C
4. B

Q.46 If **X = 24** and **BE = 7**, then **RING** =?

A. 41
B. 47
C. 48
D. 49

Question ID : 988837999
Status : Answered
Chosen Option : 4

Ans
1. A
2. D
3. B
4. C

Q.47 The product of two consecutive odd numbers is 399. Find the lower of them.

A. 17
B. 19
C. 21
D. 23

Question ID : 988837970
Status : Answered
Chosen Option : 1

Ans
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

Q.48 Between which stations does India's longest train run?

A. Kanyakumari - Baramulla
B. Dibrugarh - Naliya
C. Dibrugarh - Kanyakumari
D. Thiruvanathapuram – New Delhi

Question ID : 988837938
Status : Answered
Chosen Option : 3

Ans
✘ 1. D
✘ 2. B
✔ 3. C
✘ 4. A

Q.49 निम्नलिखित को पढ़ें और उस पर आधारित सवाल का जवाब दें।

राज्य के नीति निर्देशक सिद्धांतों और मौलिक अधिकार भारत के संविधान के अनुभाग हैं। उसमें से पहले अनुभाग अपने नागरिकों के लिए राज्य के बुनियादी दायित्वों और राज्य के प्रति नागरिकों के कर्तव्यों को निर्धारित करते हैं। उत्तरार्द्ध के अनुभागों में एक भारतीय नागरिक जिन मौलिक अधिकारों का हकदार है उसका समावेश है।

दिये गए अनुच्छेद से कौन सा निष्कर्ष निकलता है?

A. मौलिक अधिकार मात्र हक हैं और लागू करने योग्य नहीं हैं।
B. निर्देशक सिद्धांत एक नागरिक के हक है और लागू करने योग्य है।
C. निर्देशक सिद्धांत दायित्व है, जो कि राज्य के पूरा करने से संबंधित है।
D. निर्देशक सिद्धांत मौलिक अधिकारों को रद्द कर देते हैं।

Question ID : 9888371030
Status : Not Attempted
Chosen Option :

Ans
✘ 1. B
✘ 2. D
✔ 3. C
✘ 4. A

Q.50 What is The Siberian ibex?

A. Mountain Lions
B. Large and heavily built goats
C. Mountain Deer
D. A Type of Horse

Question ID : 988837945
Status : Answered
Chosen Option : 2

Ans
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

Q.51

Cost price of 25 chairs equals the selling price of 20 chairs. Find the profit %.

A. 20%
B. 33%
C. 25%
D. 12.5%

Question ID : 988837984
Status : Answered
Chosen Option : 2

Ans
1. B
2. A
3. D
4. C

Q.52 A trader marks his goods at 20% above cost price. If he allows a discount of 5% what is his final profit%?

A. 12%
B. 14%
C. 15%
D. 18%

Question ID : 988837986
Status : Not Attempted
Chosen Option :

Ans
1. A
2. B
3. C
4. D

Q.53 What is Swadeshi?

A. Made in India, from materials that have also been produced in India
B. Made in Foreign Lands from materials that are foreign
C. A Charkha that is used to spin cotton wool
D. A Country Flag that is made of Cotton

Question ID : 988837937
Status : Answered
Chosen Option : 4

Ans
1. B
2. D
3. C
4. A

Q.54 Which among the following happens in an oxidation reaction?

A. Electrons are gained
B. Electrons are lost
C. Protons are gained
D. Protons are lost

Question ID : 988837951
Status : Answered
Chosen Option : 4

Ans
1. D
2. A
3. C
4. B

Q.55

Question ID : 988837959
Status : Not Attempted
Chosen Option :

Where is the Masai Mara National Reserve?

A. Mali

B. Kenya

C. Gabon

D. Zambia

Ans
1. A
2. D
3. B
4. C

Q.56 Find the compound interest to the nearest rupee on Rs.7500 for 2 years 4 months at 12%p.a reckoned annually?

A. 2284
B. 2176
C. 2097
D. 2235

Question ID : 988837982
Status : Not Attempted
Chosen Option :

Ans
1. C
2. B
3. A
4. D

Comprehension:

The following table represents the percentage marks of four students in six subjects. Consider the table and answer questions based on it.

| Student | Maths | Science | History | Geography | English | Hindi |
|---|---|---|---|---|---|---|
| Shamita | 75 | 80 | 65 | 68 | 72 | 65 |
| Smita | 80 | 85 | 75 | 65 | 70 | 70 |
| Shilpa | 82 | 88 | 70 | 69 | 71 | 70 |
| Sheela | 78 | 87 | 65 | 70 | 75 | 74 |

SubQuestion No : 57

Q.57 The average marks obtained by the students in Geography and History are

A. 68.75 and 68
B. 70.5 and 69
C. 68 and 68.75
D. 68.75 and 68.5

Question ID : 9888371027
Status : Answered
Chosen Option : 2

Ans
1. A
2. C
3. D
4. B

Comprehension:

The following table represents the percentage marks of four students in six subjects. Consider the table and answer questions based on it.

| Student | Maths | Science | History | Geography | English | Hindi |
|---|---|---|---|---|---|---|
| Shamita | 75 | 80 | 65 | 68 | 72 | 65 |
| Smita | 80 | 85 | 75 | 65 | 70 | 70 |
| Shilpa | 82 | 88 | 70 | 69 | 71 | 70 |
| Sheela | 78 | 87 | 65 | 70 | 75 | 74 |

SubQuestion No : 58

Q.58 Average marks obtained in Science is higher than that of Maths by

A. 15
B. 20
C. 25
D. 40

Question ID : 9888371026
Status : Answered
Chosen Option : 4

Ans
1. D
2. B
3. A
4. C

Comprehension:

The following table represents the percentage marks of four students in six subjects. Consider the table and answer questions based on it.

| Student | Maths | Science | History | Geography | English | Hindi |
|---|---|---|---|---|---|---|
| Shamita | 75 | 80 | 65 | 68 | 72 | 65 |
| Smita | 80 | 85 | 75 | 65 | 70 | 70 |
| Shilpa | 82 | 88 | 70 | 69 | 71 | 70 |
| Sheela | 78 | 87 | 65 | 70 | 75 | 74 |

SubQuestion No : 59

Q.59 Who has the highest total marks?

A. Shamita
B. Smita
C. Shilpa
D. Sheela

Question ID : 9888371025
Status : Answered
Chosen Option : 3

Ans
1. D
2. A
3. C
4. B

Q.60

Question ID : 988837993
Status : Answered

If cos θ +sin θ= m, sec θ+ cosec θ = n, what is m/n?

Chosen Option : 1

A. 1
B. sin θ cos θ
C. sec θ cosec θ
D. cot θ tan θ

Ans
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

Q.61 M is the son of N. O is the father of N. P is the father of M. How is N related to P?

A. Wife
B. Husband
C. Father
D. Mother

Question ID : 9888371012
Status : Answered
Chosen Option : 3

Ans
✘ 1. D
✘ 2. B
✔ 3. A
✘ 4. C

Q.62 What is Sepak Takraw?

A. A Bird
B. An ancient hunting team in Malaysia
C. Kick Volleyball
D. A Type of Combat Flight

Question ID : 988837941
Status : Not Attempted
Chosen Option :

Ans
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

Q.63 X, Y and Z take 18 days to complete a piece of work. If X works alone he finishes the work in 36 days and if Y works alone he finishes it in 60 days. How long will it take Z to complete the work alone?

A. 78 days
B. 90 days
C. 96 days
D. 114 days

Question ID : 988837981
Status : Answered
Chosen Option : 1

Ans
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

Q.64

Question ID : 988837933
Status : Answered
Chosen Option : 4

Which is the capital of Sri Lanka?

A. Colombo

B. Kandy

C. Jayawardenepura Kotte

D. Anuradhapura

Ans
1. D
2. C
3. B
4. A

Q.65 Solve: $\frac{sin\theta}{1+cos\theta} + \frac{1+cos\theta}{sin\theta} = ?$

A. tan θ

B. cot θ

C. $\frac{2}{sin\theta}$

D. $\frac{2}{cos\theta}$

Question ID : 988837994
Status : Answered
Chosen Option : 4

Ans
1. A
2. D
3. B
4. C

Q.66 The Panchatantra fables are thought to be composed by

A. Mullah Nasruddin

B. Vishnu Sharma

C. King Sudharshan

D. Tenali Raman

Question ID : 988837944
Status : Answered
Chosen Option : 1

Ans
1. B
2. D
3. C
4. A

Q.67 What was the code name of the nuclear tests conducted by India in Pokhran in 1998?

A. Operation Desert Storm

B. Operation Vijay

C. Operation Shakti

D. Operation Kaboom

Question ID : 988837949
Status : Not Attempted
Chosen Option :

Ans
1. A
2. C
3. B

4. D

Q.68 An assertion (A) and a reason (R) are given below.

**Assertion (A)**: Penguins are birds, found in the hottest regions of the earth.

**Reason (R)**: Birds in hot regions do not have wings.

Choose the correct option.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. Both A and R are false

Question ID : 9888371029
Status : Not Attempted
Chosen Option :

Ans
1. D
2. B
3. A
4. C

Q.69 Who is Anjolie Ela Menon?

A. An Indian politician

B. Bharatanatyam dancer

C. A popular musician

D. Indian Female Artist

Question ID : 988837935
Status : Answered
Chosen Option : 4

Ans
1. A
2. B
3. D
4. C

Q.70 The sum of the digits of a 2 digit number is 9. When 27 is added to the number, the digits get interchanged. Find the number.

A. 45
B. 36
C. 18
D. 27

Question ID : 988837989
Status : Answered
Chosen Option : 3

Ans
1. C
2. D
3. B
4. A

Q.71 Find the missing (?) in the series

13, 14, 18, 27, ?, 68, 104……..

A. 36

B. 41

C. 43

D. 54

Question ID : 9888371002
Status : Answered
Chosen Option : 4

Ans
1. B

2. D

3. A

4. C

Q.72 Kitty said, "Uthara is one of the two daughters of my mother's brother's wife". How is Kitty's mother related to Uthara's sister?

A. Maternal Aunt
B. Mother
C. Grandmother
D. Sister

Question ID : 9888371011
Status : Not Attempted
Chosen Option :

Ans
1. D
2. A
3. B
4. C

Q.73 One angle of a triangle is 55°. If the other two angles are in the ratio 9:16, find the angles?

A. 65 and 115
B. 90 and 160
C. 55 and 165
D. 45 and 80

Question ID : 988837990
Status : Answered
Chosen Option : 4

Ans
1. B
2. C
3. A
4. D

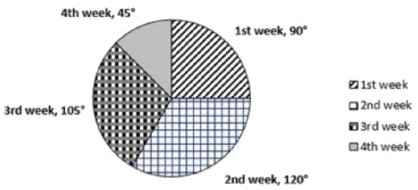
Q.74 Which contemporary painter made a series of paintings on Mahatma Gandhi?

A. Amrita Shergill
B. Ram Kinkar
C. M.F. Hussain
D. Atul Doliya

Question ID : 988837940
Status : Not Attempted
Chosen Option :

Ans
1. C
2. D
3. B
4. A

Q.75 एक व्यक्ति की आय नीचे दिये गए पाई चार्ट द्वारा दर्शाई गई है। यदि उसकी कुल आय 360,000 रूपये है, तो उसके दूसरे सप्ताह की आय ज्ञात करें।




A. 90,000 रूपये
B. 120,000 रूपये
C. 45,000 रूपये
D. 105,000 रूपये

Question ID : 988837995
Status : Answered
Chosen Option : 4

Ans
1. D
2. A
3. C
4. B

Q.76 If **HOUSES = GNAYDR**, then **DIARY = _____**

A. CHGXZ
B. CHEWZ
C. CHGXX
D. CHEWX

Question ID : 9888371001
Status : Answered
Chosen Option : 1

Ans
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

Q.77 What does "Satyameva Jayate" mean?

A. "Truth alone triumphs"
B. "True Faith is Rare"
C. "Truth is Divine"
D. "Truth is a Treasure"

Question ID : 988837932
Status : Answered
Chosen Option : 3

Ans
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

Q.78 Malé is the capital of which Country?

A. Mauritius
B. Lakshadweep
C. Maldives
D. Malaysia

Question ID : 988837934
Status : Answered
Chosen Option : 2

Ans
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

Q.79 Select the alternative that does not have a similar relationship as the given pair - **Forward : Backward**

A. Hope : Despair
B. Love : Hate
C. Anger : Wrath
D. Light : Dark

Question ID : 9888371007
Status : Marked For Review
Chosen Option : 4

Ans
✗ 1. A
✗ 2. B
✗ 3. D

4. C

Q.80 A statement followed by some conclusions are given below.

**Statement:** Religions teach the guiding principles for leading one's life.

**Conclusions:**

I. Religion is a way of life.

II. Religion is a teacher.

Find which of the given conclusions logically follow from the given statement.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Question ID : 9888371017
Status : Not Attempted
Chosen Option :

Ans
1. C
2. A
3. D
4. B

Q.81 If **$H_2O$ : Hydrogen**, then **KOH** : _____

A. Cobalt
B. Phosphorous
C. Potassium
D. Krypton

Question ID : 9888371009
Status : Answered
Chosen Option : 2

Ans
1. B
2. C
3. D
4. A

Q.82 Simplify: $\frac{9}{13} \div \frac{18}{26} \div \frac{90}{52}$

A. 45/26
B. 13/45
C. 26/45
D. 45/13

Question ID : 9888371004
Status : Answered
Chosen Option : 4

Ans
1. B
2. A
3. D
4. C

Q.83

Question ID : 988837948
Status : Answered
Chosen Option : 4

Zero degree centigrade is equal to what degree Fahrenheit?

A. 100°F
B. 30°F
C. 34°F
D. 32°F

Ans
1. C
2. A
3. B
4. D

Q.84 If **SHELF** is **FURYS**, then **ZEBRA** is

A. NRMEO
B. MRNEO
C. NROEM
D. MROEN

Question ID : 9888371000
Status : Not Attempted
Chosen Option :

Ans
1. D
2. A
3. B
4. C

Q.85 What is the normal resting heart rate range for adults (beats/min)?

A. 60 to 100
B. 50 to 80
C. 120 to 180
D. 75 to 120

Question ID : 988837953
Status : Not Attempted
Chosen Option :

Ans
1. B
2. A
3. C
4. D

Q.86 Q's father is B's son-in-law. C is Q's sister and the daughter of P. P is the maternal aunt of D. How is P related to B?

A. Son
B. Daughter
C. Grandson
D. Granddaughter

Question ID : 9888371010
Status : Answered
Chosen Option : 4

Ans
1. D
2. A
3. C
4. B

Q.87

Question ID : 988837929
Status : Answered
Chosen Option : 2

Who was the first woman to reach summit of Mt. Everest?

A. Bachendri Pal
B. Junko Tabei
C. Arunima Sinha
D. Premlata Agarwal

Ans
1. D
2. A
3. C
4. B

Q.88 6 carpenters make 96 windows in 16 days. If 8 carpenters work for 4 days how many windows will they make?

A. 16
B. 28
C. 36
D. 32

Question ID : 988837980
Status : Not Attempted
Chosen Option :

Ans
1. A
2. B
3. C
4. D

Q.89 A factory produced 18,58,509 cassettes in the month of January, 7623 more cassettes in the month of February and owing to short supply of electricity produced 25,838 less cassettes in March than in February. Find the total production in all?

A. 55,57,312
B. 59,83,245
C. 55,64,935
D. 56,08,988

Question ID : 988837968
Status : Not Attempted
Chosen Option :

Ans
1. A
2. D
3. B
4. C

Q.90 मकर संक्रांति क्या है?

A. चंद्र ग्रहण
B. फसल काटने का त्यौहार
C. पतंग महोत्सव
D. कठपुतली का तमाशा

Question ID : 988837931
Status : Answered
Chosen Option : 4

Ans 1. B
2. A
3. D
4. C

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

Q.91

Question ID : 9888371018
Status : Marked For Review
Chosen Option : 3

Statements followed by some conclusions are given below.

**Statements:**

A. Confusion causes mental tension.

B. Mental tension causes anxiety.

**Conclusions:**

I. Anxiety is a disease.

II. Confusion leads to anxiety.

Find which of the given conclusions logically follow from the given statements.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both I and II follow.

D. Neither I nor II follows.

Ans
✔ 1. B

✘ 2. A

✘ 3. C

✘ 4. D

Q.92 If 'Mango, lemon and melon are fruits' is written as 439516; 'Mango and lemon are yellow' is 04396 and 'Melon is green' is 857, which digit represents 'melon'?

A. 5
B. 8
C. 7
D. Cannot be determined

Question ID : 988837998
Status : Answered
Chosen Option : 3

Ans
✘ 1. B

✘ 2. C

✘ 3. D

✔ 4. A

Q.93 Find the missing (?) in the series

AIQ, BJR, CKS, DLT, ?, ……

A. ENU
B. EMV
C. ENV
D. EMU

Question ID : 9888371003
Status : Answered
Chosen Option : 3

Ans
✘ 1. A

✘ 2. C

✔ 3. D

✘ 4. B

Q.94 Sanjay and Jacob start running in opposite directions from the same point at speeds of 7m/s and 5m/s. After 42 minutes, how far would they be from each other?

A. 30.24 km
B. 504 km
C. 8.4 km
D. 69.5 km

Question ID : 988837979
Status : Answered
Chosen Option : 1

Ans
✔ 1. A

✘ 2. B

✘ 3. C

4. D

Q.95 2015 में कौन सा देश विश्व व्यापार संगठन में 144वे सदस्य के रूप में शामिल हुआ है?

A. फिलीपींस
B. लाइबेरिया
C. जॉर्डन
D. अफ़ग़ानिस्तान

Question ID : 988837930
Status : Not Attempted
Chosen Option :

Ans
1. B
2. C
3. A
4. D

Q.96 Find the difference between compound interest and simple interest on 5000 for 2 years at 8% p.a payable annually.

A. 45
B. 32
C. 57
D. 84

Question ID : 988837983
Status : Answered
Chosen Option : 4

Ans
1. A
2. C
3. D
4. B

Q.97 Solve: $12-[26-\{2+5\times(6-3)\}]$

A. 2
B. 3
C. 7
D. 8

Question ID : 988837969
Status : Answered
Chosen Option : 1

Ans
1. B
2. C
3. A
4. D

Q.98 Abdul prepared 42litres of medicine and filled it in bottles of 280 ml each .Find how many bottles would be required?

A. 15
B. 1500
C. 150
D. 300

Question ID : 988837972
Status : Answered
Chosen Option : 2

Ans
1. A
2. C
3. D
4. B

Q.99 The LCM of two consecutive even numbers is 144, find the numbers?

A. 16 and 18
B. 14 and 16
C. 18 and 20
D. 22 and 24

Question ID : 988837975
Status : Answered
Chosen Option : 3

Ans

1. B
2. D
3. A
4. C

Q.100 The Dibru-Saikhowa, Nameri and Orang National Park are all found in which State?

A. Andhra Pradesh
B. Assam
C. Arunachal Pradesh
D. Uttarakhand

Question ID : 988837943
Status : Answered
Chosen Option : 2

Ans
1. A
2. B
3. D
4. C

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 3rd April 2016 Shift 2

| | |
|---|---|
| Roll No: | |
| Participants Name: | |
| Test Center Name: | |
| Test Date: | 03/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** The Make In India Logo is made up of what?

Question ID : **2055231443**
Status : **Answered**
Chosen Option : **1**

A. Lion made of Cogs
B. Eagle Made of Steel
C. Chakra Made of Cotton
D. Tiger Made of Khadi

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.2** The median of the following numbers arranged in ascending order is 2.5, if so find x?
**0, 0, 1, 1, 2, 2, x, 3, 3, 4, 5, 7**

Question ID : **2055231512**
Status : **Answered**
Chosen Option : **3**

A. 2
B. 3
C. 4
D. 0

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.3** How do Indians celebrate Holi?

Question ID : **2055231446**
Status : **Answered**
Chosen Option : **3**

A. By playing pranks on each other
B. By throwing coloured powder and water on each other
C. By Lighting Lamps
D. By setting pigeons free

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.4** X is the only daughter of Y's grandfather's only son. Y's grandfather has only one child. How is X related to Y?

A. Mother
B. Sister
C. Paternal Aunt
D. Grandmother

Question ID : **2055231526**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.5** In Indian sport what does HIL stand for?

A. Himachal Indian Lions
B. Haryana Indus League
C. Hockey India League
D. Hyderabad India League

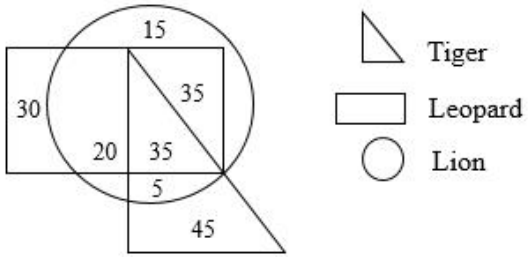
Question ID : **2055231455**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Comprehension:**

Study the following diagram and answer questions based on it.

The diagram represents the likes of children in a society.




**SubQuestion No : 6**

**Q.6** The difference between children who like leopard to those who like tiger is

A. 50
B. 35
C. 30
D. 5

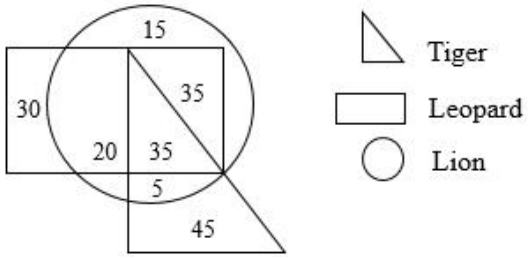
Question ID : **2055231536**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Comprehension:**

Study the following diagram and answer questions based on it.

The diagram represents the likes of children in a society.




**SubQuestion No : 7**

Q.7 How many children like both lion and leopard?

Question ID : **2055231537**
Status : **Answered**
Chosen Option : **1**

A. 35

B. 55

C. 90

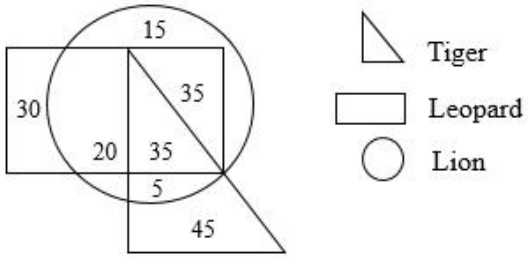
D. 95

**Ans**
✔ 1. C
✘ 2. A
✘ 3. D
✘ 4. B

**Comprehension:**

Study the following diagram and answer questions based on it.

The diagram represents the likes of children in a society.




**SubQuestion No : 8**

Q.8 How many children who like lion, also like the tiger?

Question ID : **2055231538**
Status : **Answered**
Chosen Option : **2**

A. 5

B. 15

C. 35

D. 40

**Ans**
✘ 1. C
✔ 2. D
✘ 3. A
✘ 4. B

Q.9 Find the missing (?) in the series

50, 49.5, ?, 45.5, 42, 37.5, .....

Question ID : **2055231518**
Status : **Answered**
Chosen Option : **2**

A. 49

B. 48

C. 47.5

D. 46

Ans
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

Q.10 Malgudi Days is based on the works of which Indian Writer?

Question ID : **2055231459**
Status : **Answered**
Chosen Option : **1**

A. Shankar Nag

B. R. K. Lakshman

C. R.K. Narayan

D. Girish Karnad

Ans
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

Q.11 Statements followed by some conclusions are given below.

Question ID : **2055231533**
Status : **Answered**
Chosen Option : **4**

**Statements:**

1. Employees are well paid.
2. Rajan earns well.

**Conclusions:**

I. Rajan is an employee.

II. Rajan is self-employed.

Find which of the given conclusions logically follows from the given statements.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both I and II follow.

D. Neither I nor II follows.

Ans
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

Q.12

Question ID : **2055231453**
Status : **Answered**
Chosen Option : **2**

At what time did India Gain Independence of 15th August 1947?

A. Morning
B. Midevening
C. Midnight
D. Noon

Ans
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

---

**Q.13** A train having a length of 500 m passes through a tunnel of 1000 m in 1 minute. What is the speed of the train in Km/hr?

A. 75 Km/hr
B. 90 Km/hr
C. 87 Km/hr
D. 96 Km/hr

Question ID : **2055231495**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

---

**Q.14** What is the science or art of designing and accelerating projectiles so as to achieve a desired performance called?

A. Ballistics
B. Catapulting
C. Ejection
D. Rocket Science

Question ID : **2055231470**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

---

**Q.15** Find the similarity in the following:
**Orange, Peach, Olive, Chrome**

A. All of them are fruits.
B. All of them are names of seasons.
C. All of them are colours.
D. All of them are shades of orange.

Question ID : **2055231523**
Status : **Answered**
Chosen Option : **4**

Ans
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

---

**Q.16** What does WLAN stand for?

A. Wireless Local Area Network
B. Wide Local Area Network
C. Wind Light Atmospheric Nature
D. Wireless Local Area Node

Question ID : **2055231472**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. A

✗ 2. C

✗ 3. D

✗ 4. B

**Q.17** What does "Bicameral Legislature" mean?

Question ID : **2055231457**
Status : **Answered**
Chosen Option : **2**

A. Legislators are divided into 4 separate assemblies

B. Legislators are grouped as 1 assembly

C. Legislators are divided into 2 separate assemblies

D. Legislators are divided into 8 separate assemblies

**Ans**

✗ 1. A

✓ 2. C

✗ 3. D

✗ 4. B

**Q.18** Find the missing (?) in the series

……, HG, IJ, LK, MN, ?, ……..

Question ID : **2055231517**
Status : **Answered**
Chosen Option : **1**

A. OP

B. PO

C. QP

D. PQ

**Ans**

✓ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

**Q.19** A small shop owner keeps inventory satisfying the following criteria –

1. Shampoo sachets that are priced between Rs.4 and Rs.10 per sachet.
2. Chocolates in the price range of Re.1 and Rs.60 per piece.
3. Dry fruits priced more than Rs.125 per 100 grams.
4. Milk packets in the price range of Rs.21 and Rs.29 per litre.

Which list among the following will definitely NOT be found in his shop?

Question ID : **2055231543**
Status : **Answered**
Chosen Option : **1**

A. Shampoo A at Rs.4 per sachet, chocolate B at Rs.1.5 per piece and dry fruit C, at Rs.250 per 125 gram.

B. Shampoo P at Rs.5 per sachet, milk packet Q at Rs.23 per litre and dry fruit R at Rs.150 per 100 gram.

C. Shampoo X at Rs.5 per sachet, chocolate Y at Rs.1 per piece and dry fruit Z at Rs.100 per 100 gram.

D. Shampoo L at Rs.4 per sachet, milk packet M at Rs.24.5 per packet, and chocolate N at Rs.35 per piece and dry fruit O at Rs.350 per 200 gram.

**Ans**

✓ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

**Q.20** Which is the most abundant combustible natural gas?

Question ID : **2055231467**
Status : **Answered**
Chosen Option : **1**

A. Propane

B. Methane

C. Ethane

D. Butane

**Ans**

✓ 1. B

2. A

3. C

4. D

**Q.21** Which among the following is the Largest Freshwater Lake in India?

Question ID : **2055231447**
Status : **Answered**
Chosen Option : **3**

A. Dal Lake

B. Thol Lake

C. Pushkar Lake

D. Wular Lake

**Ans**

1. A

2. B

3. D

4. C

**Q.22** Manu sold a dozen watches for Rs.1454.64 per watch and made a profit of 16%. Find the cost price of the watches?

Question ID : **2055231502**
Status : **Answered**
Chosen Option : **3**

A. 1254.00

B. 1362.36

C. 15048.00

D. 16348.32

**Ans**

1. D

2. A

3. C

4. B

**Q.23** The famous camel trading event is a part of this annual fair.

Question ID : **2055231454**
Status : **Answered**
Chosen Option : **4**

A. Udaipur Mela

B. Thar Mela

C. Kumbh Mela

D. Pushkar Mela

**Ans**

1. D

2. C

3. B

4. A

**Q.24** What is the rate of change of position of an object with respect to a frame of reference, which is a function of time called?

Question ID : **2055231464**
Status : **Answered**
Chosen Option : **1**

A. Mechanics

B. Vector

C. Velocity

D. Magnitude

**Ans**

1. C

2. A

3. B

4. D

**Q.25** If **DELHI** is **QRYUV**, then **BOMBAY** is

Question ID : **2055231516**
Status : **Answered**
Chosen Option : **3**

A. OBZNOL

B. OZBNOL

C. OZBONL

D. OBZONL

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

**Q.26** If **GOING** is **38253** and **CASUAL** is **409106**, then **LOGICAL** is

A. 6034286
B. 6834206
C. 6032486
D. 6832406

Question ID : **2055231513**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

**Q.27** Manju takes 16 days to complete a work. If she works with her friend Jenny they complete it in 12 days. How many days will it take for Jenny to complete the work alone?

A. 48
B. 32
C. 36
D. 24

Question ID : **2055231493**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. B
✓ 3. A
✗ 4. C

**Q.28** Solve : $10^9 \times 10^2 \div 10^3$

A. $10^8$
B. $10^6$
C. $10^2$
D. $10^5$

Question ID : **2055231484**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

**Q.29** If the circumference of a circle is 22 cm, find the area of the semicircle.

A. 38.5 sq.cm
B. 19.25 sq.cm
C. 44 sq.cm
D. 77 sq.cm

Question ID : **2055231505**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Q.30**

Question ID : **2055231498**
Status : **Answered**
Chosen Option : **4**

Find the interest on Rs.25000 at 12% p.a compounded annually for 3 years.

A. 9,000
B. 9,833.40
C. 10,123.20
D. 10,678.90

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.31** The LCM and HCF of 2 numbers are 168 and 6 respectively. If one of the numbers is 24, find the other.

A. 36
B. 38
C. 40
D. 42

Question ID : **2055231490**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

**Q.32** Seeta said, "Ram's only brother is the father of my son's father". How is Ram's brother related to Seeta's son?

A. Father
B. Grandfather
C. Maternal Uncle
D. Paternal Uncle

Question ID : **2055231525**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.33** 78 books, 114 crayons and 141 notebooks were distributed to school children equally. It was found that 6 were left undistributed in each. What was the total number of children?

A. 9
B. 8
C. 13
D. 12

Question ID : **2055231489**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

**Q.34** What are Vivipara?

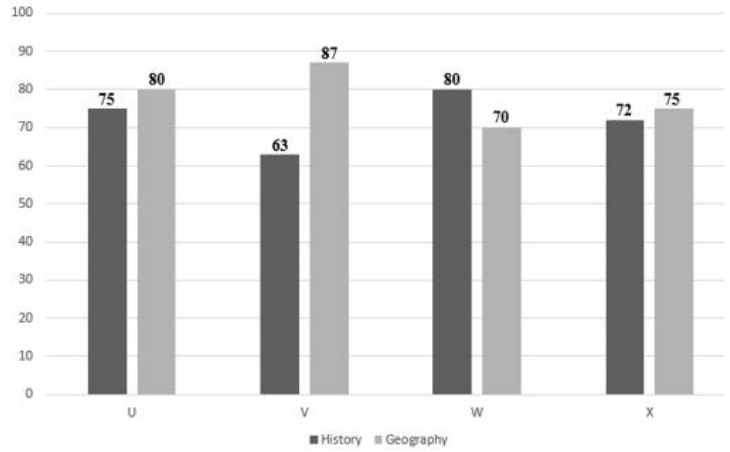
A. Vertebrates that are born live
B. Type of cactus
C. Type of algae
D. A mollusk

Question ID : **2055231478**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

**Comprehension:**

The bar chart represents percentage marks scored by four students U, V, W and X in History and Geography. Consider the bar chart and answer questions based on it.




**SubQuestion No : 35**

**Q.35** Who scored the highest percentage in both the subjects combined?

Question ID : **2055231542**
Status : **Answered**
Chosen Option : **2**

A. Both V and W

B. V

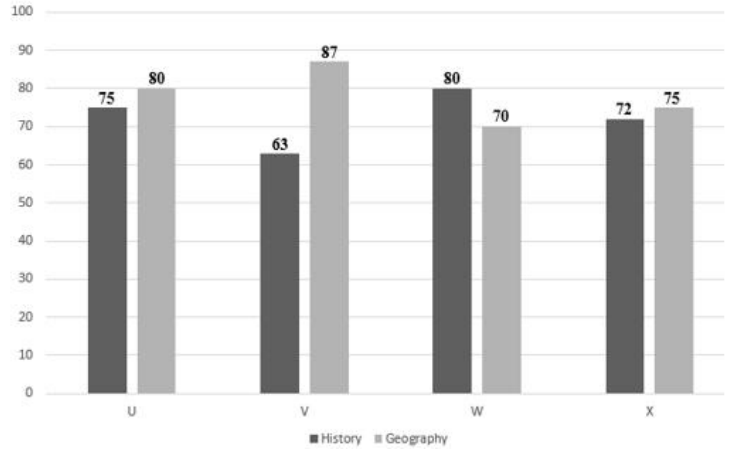
C. W

D. U

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Comprehension:**

The bar chart represents percentage marks scored by four students U, V, W and X in History and Geography. Consider the bar chart and answer questions based on it.




**SubQuestion No : 36**

**Q.36** What is the percentage difference in the total marks obtained in Geography and History?

Question ID : **2055231541**
Status : **Answered**
Chosen Option : **2**

A. 7.58%

B. 7%

C. 4.13%

D. 5%

**Ans** 1. B

2. A

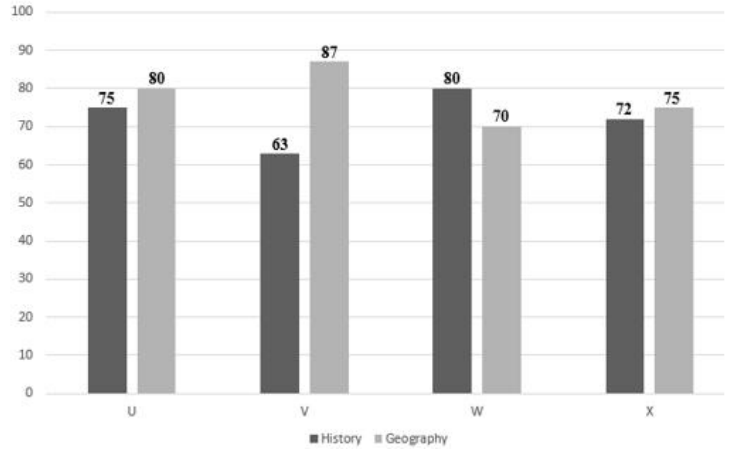
3. D

4. C

Note: For this question, discrepancy is found in question/answer. So, Thi s question is ignored for all candidates.

**Comprehension:**

The bar chart represents percentage marks scored by four students U, V, W and X in History and Geography. Consider the bar chart and answer questions based on it.




**SubQuestion No : 37**

**Q.37** What is the average percentage marks obtained in History by all students?

Question ID : **2055231540**
Status : **Answered**
Chosen Option : **1**

A. 78%

B. 75%

C. 72.5%

D. 70%

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.38** If $a^{x+y} = a^6$ and $x > y$ by 2 find $x$.

Question ID : **2055231504**
Status : **Answered**
Chosen Option : **1**

A. 1

B. 2

C. 3

D. 4

**Ans**
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

**Q.39** What is a Limerick?

Question ID : **2055231444**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. A Type of Lime Stone

B. A form of poetry mostly in five-lines

C. A type of Theatre Play

D. A type of Word game

**Ans**
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

**Q.40** If **Annual : One year**, then **Quinquennial** : _____

A. Five years
B. Ten years
C. Hundred years
D. Thousand years

Question ID : **2055231524**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. D
✗ 4. C

**Q.41** Andromeda is a

A. Galaxy neighboring the Milky way
B. Planet
C. Name of a black hole
D. Comet

Question ID : **2055231482**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.42** Whose quote is "In practice of tolerance, one's enemy is the best teacher"?

A. Gautama Buddha
B. Mahatma Gandhi
C. Barack Obama
D. The Dalai Lama

Question ID : **2055231473**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.43** What is Shigmo?

A. A Goan Spring Festival
B. The tallest peak in Nilgiris
C. A type of Rangoli
D. One of the Names of Lord Shiva

Question ID : **2055231450**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.44** In computers, what does Yosemite, Mavericks, Mountain Lion, Lion, Snow Leopard, Leopard, Tiger, Panther, Jaguar, Puma and Cheetah stand for?

A. Versions of Mac OS X
B. Types of Storage Servers
C. Macintosh Clones
D. PowerBooks

Question ID : **2055231477**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans
1. D
2. A
3. C
4. B

**Q.45** Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

A. ENNI
B. NEO
C. EPPI
D. REETH

Question ID : **2055231534**
Status : **Answered**
Chosen Option : **4**

Ans
1. A
2. B
3. D
4. C

**Q.46** Solve: $\frac{12}{13} \times \frac{285}{96} \div \frac{171}{169} = ?$

A. $3\frac{2}{3}$
B. $2\frac{17}{24}$
C. $\frac{7}{8}$
D. $\frac{11}{24}$

Question ID : **2055231487**
Status : **Answered**
Chosen Option : **3**

Ans
1. C
2. D
3. B
4. A

**Q.47** LIGO, Laser Interferometer Observatory was recently in the news. Why?

A. Discovery of water in Mars
B. Discovery of a diamond-filled star
C. Detection of Gravitational waves
D. Proving Big Bang theory as wrong

Question ID : **2055231463**
Status : **Answered**
Chosen Option : **1**

Ans
1. A
2. D
3. C
4. B

**Q.48** In which century did Portuguese merchants first land in Goa?

A. $14^{th}$
B. $15^{th}$
C. $16^{th}$
D. $17^{th}$

Question ID : **2055231452**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. A
3. D
4. C

**Q.49** In 1999 who was the Prime Minister of Pakistan who was overthrown by a Military coup led by General Pervez Musharraf?

A. Zulfiqar Ali Bhutto
B. Zia ul-Haq
C. Nawaz Sharif
D. Yusuf Raza Gilani

Question ID : **2055231448**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.50** What is $C_6H_6$?

A. Hydro Carbon
B. Hydro Chloric Acid
C. Benzene
D. Toluene

Question ID : **2055231466**
Status : **Answered**
Chosen Option : **4**

**Ans** 1. A
2. D
3. B
4. C

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.51** What is Oneirology, the study of?

A. Gods
B. Dreams
C. Sleep
D. Colour

Question ID : **2055231469**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.52** Which was the host city of the first modern summer Olympic games held in 1896?

A. Athens
B. Paris
C. London
D. Amsterdam

Question ID : **2055231456**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Q.53** I take a book from a library containing 378 pages to be returned in a week's time. If I can read 14 pages an hour for three hours daily, for how long should it be renewed so that the book can be fully read?

A. 1 day
B. 3 days
C. 4 days
D. 2 days

Question ID : **2055231494**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B

✔ 3. D

✘ 4. A

**Q.54** Carl Sagan was

A. An American astronomer

B. British Physicist

C. French Astronaut

D. American President

Question ID : **2055231465**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✘ 1. C

✘ 2. B

✔ 3. A

✘ 4. D

**Q.55** Eggs sold by a shopkeeper over a week is given in the table below.

**Eggs sold in dozens**

| Day | Sales in dozen |
|---|---|
| Sunday | 12 |
| Monday | 8 |
| Tuesday | 11 |
| Wednesday | 5 |
| Thursday | 9 |
| Friday | 10 |
| Saturday | 10 |

If the price of one egg was Rs.2.50, how much more did he earn on Friday than on Monday?

A. 25 rupees

B. 2.50 rupees

C. 5.00 rupees

D. 3.25 rupees.

Question ID : **2055231510**
Status : **Answered**
Chosen Option : **3**

**Ans** 1. B

2. A

3. C

4. D

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.56** The mean of the marks scored by 12 students of a class is 67.4. If the mean of another class consisting of 15 students is 72.3, find their combined mean?

A. 70.12

B. 69.85

C. 71.23

D. 68.94

Question ID : **2055231511**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B

✘ 2. D

✘ 3. C

✔ 4. A

**Q.57**

Question ID : **2055231515**
Status : **Answered**
Chosen Option : **1**

If **GUITAR** = **HTJSBQ**, then **VIOLIN** = _____

A. WHPKHM

B. WHPKJM

C. WHKPHM

D. WHKPJM

**Ans** ✔ 1. B

✘ 2. C

✘ 3. A

✘ 4. D

---

**Q.58** A man walks at a certain speed and reaches his destination which is 6 km in 1hr 40 minutes. If he runs the same distance in 1 hour 20 minutes what is the difference in speed?

A. 1 km/hr

B. 0.9 km/hr

C. 1.5 km/hr

D. 1.9 km/hr

Question ID : **2055231496**
Status : **Answered**
Chosen Option : **4**

**Ans** ✘ 1. A

✘ 2. D

✘ 3. C

✔ 4. B

---

**Q.59** What is "Binary Electronic Sequence Calculator" (BESK), created in 1953?

A. Electronic computer

B. Analogous Computer

C. Digital Computer

D. A Banker's Calculator

Question ID : **2055231476**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans** ✔ 1. A

✘ 2. D

✘ 3. B

✘ 4. C

---

**Q.60** Find $\sin(90^\circ - \theta)$

A. $\cos 90^\circ$

B. 1/2

C. 1

D. Cos θ

Question ID : **2055231508**
Status : **Answered**
Chosen Option : **4**

**Ans** ✘ 1. B

✘ 2. C

✘ 3. A

✔ 4. D

---

**Q.61** What is India's famous comic series started by Anant Pai called?

A. Raj Comics

B. Amar Chitra Katha

C. Tinkle

D. Chandamama

Question ID : **2055231474**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans** ✘ 1. C

✔ 2. B

✘ 3. A

✘ 4. D

**Q.62** Find $(x+y)^2 - (x-y)^2$?

Question ID : **2055231499**
Status : **Answered**
Chosen Option : **4**

A. $2x^2y^2$

B. $4xy$

C. $2x^2+2y^2$

D. $x^2-y^2+2xy$

**Ans**

✘ 1. C

✘ 2. D

✘ 3. A

✔ 4. B

**Q.63** The area of a rectangle is 42sq.cm and its length is 7cm. Find its perimeter.

Question ID : **2055231507**
Status : **Answered**
Chosen Option : **3**

A. 14 cm

B. 21cm

C. 26 cm

D. 24 cm

**Ans**

✘ 1. B

✘ 2. D

✔ 3. C

✘ 4. A

**Q.64** If by selling 20 cycles Vinay incurs a loss equal to the selling price of 2 cycles, find his loss percentage.

Question ID : **2055231501**
Status : **Answered**
Chosen Option : **3**

A. 10%

B. 11%

C. $13\frac{1}{3}\%$

D. $9\frac{1}{11}\%$

**Ans**

✘ 1. B

✔ 2. D

✘ 3. A

✘ 4. C

**Q.65** Read the following and answer the question based on it.

Question ID : **2055231545**
Status : **Answered**
Chosen Option : **4**

Proteins are used by the body for energy, metabolism, gene growth and maintenance. 10 to 35 percent of the daily calorie intake should ideally consist of proteins. They are found in all cells of the body. Hair and nail are made up of a protein called keratin, having sulphur bonds. Curlier hair has more sulphur links. Too much intake of proteins can sometimes lead to body weight.

Proteins _____

A. Are not used by the body for any of its functions.

B. Are required by the body in adequate quantities.

C. Makes hair shiny, lengthy and black.

D. Do not cause weight gain.

**Ans**

✘ 1. A

✘ 2. C

✘ 3. D

✔ 4. B

**Comprehension:**

Consider the following information and answer questions based on it.

Five pickles - mango, lime, tomato, gooseberry and garlic are kept in five jars, in a row, in a random order, from left to right.

1. Gooseberry is not on either extremes.
2. There is one jar between mango and garlic.
3. Tomato is placed on the left side of lisme.
4. The second jar from the left contains garlic.

**SubQuestion No : 66**

**Q.66** There are two jars between which of the following –

Question ID : **2055231531**
Status : **Answered**
Chosen Option : **3**

A. Lime and Gooseberry

B. Gooseberry and Tomato

C. Mango and Lime

D. Tomato and Mango

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

**Comprehension:**

Consider the following information and answer questions based on it.

Five pickles - mango, lime, tomato, gooseberry and garlic are kept in five jars, in a row, in a random order, from left to right.

1. Gooseberry is not on either extremes.
2. There is one jar between mango and garlic.
3. Tomato is placed on the left side of lisme.
4. The second jar from the left contains garlic.

**SubQuestion No : 67**

**Q.67** Lime is in the _____ jar from left.

Question ID : **2055231530**
Status : **Answered**
Chosen Option : **2**

A. Fifth

B. Fourth

C. Third

D. First

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

**Comprehension:**

Consider the following information and answer questions based on it.

Five pickles - mango, lime, tomato, gooseberry and garlic are kept in five jars, in a row, in a random order, from left to right.

1. Gooseberry is not on either extremes.
2. There is one jar between mango and garlic.
3. Tomato is placed on the left side of lisme.
4. The second jar from the left contains garlic.

**SubQuestion No : 68**

**Q.68** The middle jar contains

A. Mango
B. Tomato
C. Gooseberry
D. Lime

Question ID : **2055231529**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

**Q.69** What is an interstellar cloud of dust, hydrogen, helium and other ionized gases called?

A. Galaxy
B. Supernova
C. Nebula
D. Black Hole

Question ID : **2055231481**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✘ 1. D
✔ 2. C
✘ 3. A
✘ 4. B

**Q.70** Where is the mosque, Adhai din ka Jhonpra located?

A. Agra
B. Ajmer
C. Ahmedabad
D. Mt.Abu

Question ID : **2055231461**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

**Q.71** What is the official language in Bhutan?

A. English
B. Hindi
C. Dzongkha
D. Khmer

Question ID : **2055231449**
Status : **Answered**
Chosen Option : **4**

Ans
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

**Q.72** If the mathematical operator '+' means '×' , '÷' means '–', '–' means '+' and '×' means '÷', find the value of 1×2+6–2÷7

A. 2
B. -2
C. 3
D. -1

Question ID : **2055231520**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

**Q.73** When did Sikkim become a state of India?

A. 1975
B. 1973
C. 1972
D. 1950

Question ID : **2055231460**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans
✘ 1. D
✔ 2. A
✘ 3. B
✘ 4. C

**Q.74** What does PNR stand for?

A. Public Number in Railway
B. Passenger Name Record
C. Passenger Number Reservation
D. Priority Number in Reservation

Question ID : **2055231471**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

**Q.75** A politician distributed 285 kg of sugar among the people of a village counting 1487. Find out how much sugar does each person get.

A. 1.91 kg
B. 191 kg
C. 0.191 kg
D. 19.1 kg

Question ID : **2055231486**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. D
✘ 2. A
✔ 3. C
✘ 4. B

**Q.76**

Question ID : **2055231497**

A sum borrowed at 6% p.a earns an interest which is 1/3rd of its principal in x years. Find x.

A. $5\frac{5}{9}$
B. $4\frac{2}{9}$
C. $6\frac{3}{7}$
D. $5\frac{3}{4}$

Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

**Q.77** +91 is the country calling code for which nation?

A. Canada
B. U.S.A
C. India
D. China

Question ID : **2055231480**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.78** What plant has the scientific name *Solanum Tuberosum*?

A. Potato
B. Tomato
C. Pumpkin
D. Onion

Question ID : **2055231468**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.79** Which signs should be interchanged if the equation below needs to be true?
**2÷16–2+6×1=0**

A. × and –
B. – and +
C. – and ÷
D. + and ×

Question ID : **2055231519**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

**Q.80**

Question ID : **2055231462**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Who is called India's Child Surgeon?

A. Akrit Pran Jaswal

B. Tathagat Avtar Tulsi

C. Nischal Narayanam

D. Sudhma Verma

**Ans**
✔ 1. A
✘ 2. D
✘ 3. B
✘ 4. C

---

**Q.81** Yash sells vegetables at 40 per kg and incurs a loss of 10%. If the total loss incurred is 144, what is the weight of vegetables sold? (Rounded off)

A. 36 kg
B. 32.40 kg
C. 35 kg
D. 39.2 kg

Question ID : **2055231503**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. A
✔ 2. B
✘ 3. D
✘ 4. C

---

**Q.82** Name the inter-governmental organization to promote international co-operation?

A. NATO
B. UN
C. WHO
D. IGO

Question ID : **2055231475**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. D
✔ 3. B
✘ 4. C

---

**Q.83** 1.08 tonne = ? kg

A. 10800

B. 108

C. 1080

D. 1.08

Question ID : **2055231488**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. D
✘ 4. B

---

**Q.84** Looking at a photo, Anand said, "This man is the eldest son of my father's mother-in-law". How is Anand's mother related to this man?

A. Mother
B. Daughter
C. Maternal Aunt
D. Sister

Question ID : **2055231527**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. B
✘ 2. C

✔ 3. D

✘ 4. A

**Q.85** An assertion (A) and a reason (R) are given below.

Question ID : **2055231544**
Status : **Answered**
Chosen Option : **3**

**Assertion (A)**: Leaves are green in colour.

**Reason (R)**: Chlorophyll, a green pigment is present in leaves.

Choose the correct option.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A is false, but R is true

**Ans**

✘ 1. B

✘ 2. C

✔ 3. A

✘ 4. D

**Q.86** What is the opposite of Dharma?

Question ID : **2055231451**
Status : **Answered**
Chosen Option : **1**

A. Adharma

B. Karma

C. Moksha

D. Maya

**Ans**

✔ 1. A

✘ 2. C

✘ 3. D

✘ 4. B

**Q.87** A statement followed by some conclusions are given below.

Question ID : **2055231532**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Statement:** The price of pulses has increased steeply.

**Conclusions:**

I. People cannot buy pulses.

II. Pulses have become a rare commodity.

Find which of the given conclusions logically follow from the given statement.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both I and II follow.

D. Neither I nor II follows.

**Ans**

✔ 1. D

✘ 2. C

✘ 3. A

✘ 4. B

**Q.88**

Question ID : **2055231458**
Status : **Answered**
Chosen Option : **1**

Who has never been a Vice President of India?

A. Mohammad Hamid Ansari

B. A P J Abdul Kalam

C. Ramaswamy Venkataraman

D. Shankar Dayal Sharma

Ans
✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

Q.89 Solve: $1+\tan^2\theta=?$

Question ID : **2055231509**
Status : **Answered**
Chosen Option : **4**

A. $\cos^2\theta$

B. $\sec^2\theta$

C. $\tan^2\theta$

D. 2

Ans
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

Q.90 If x is an even number, what is the consecutive odd number?

Question ID : **2055231485**
Status : **Answered**
Chosen Option : **2**

A. x-1

B. x+1

C. x+2

D. x-2

Ans
✘ 1. A
✔ 2. B
✘ 3. C
✘ 4. D

Q.91 Select the alternative that shows a similar relationship as the given pair -
**Truthful : Honest**

Question ID : **2055231522**
Status : **Answered**
Chosen Option : **1**

A. Notwithstanding : Nevertheless

B. Including : Excluding

C. Winning : Losing

D. Procuring : Disposing

Ans
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

Q.92

Question ID : **2055231521**
Status : **Answered**
Chosen Option : **4**

Four pairs of words are given. Find the odd one out.

A. Ear : Hearing

B. Tongue : Taste

C. Mouth : Speech

D. Light : Vision

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

---

**Q.93** If **INSECT** = @&*!#$ and **OR** = %?, then **CISTERN** = _____

Question ID : **2055231514**
Status : **Answered**
Chosen Option : **4**

A. #@*$!%&

B. #@*$?!&

C. #@*$!?&

D. #@*$%!&

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

---

**Q.94** How many litres of water can be stored in a tank of 1m length, 1/2 m breadth, and 1/2 m tall?

Question ID : **2055231506**
Status : **Answered**
Chosen Option : **3**

A. 25,000

B. 250

C. 25

D. 2,500

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

---

**Q.95** What was recently discovered hidden under ice in Antarctica?

Question ID : **2055231445**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. A massive mountain range

B. A lost Kingdom

C. A massive canyon system and lake

D. A huge Dinosaur Skeleton

**Ans**
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

---

**Q.96** Jane won a lottery and gets 1/3rd of the winning amount and donates Rs.6000 which is 1/6th, find how much the lottery was worth.

Question ID : **2055231492**
Status : **Answered**
Chosen Option : **1**

A. 36000

B. 18000

C. 54000

D. 108000

**Ans**
✓ 1. D
✗ 2. C
✗ 3. A

✗ 4. B

**Q.97** Find the difference between the place value and face value of the digit 9 in the number 229301?

A. 9292
B. 8991
C. 0
D. 220

Question ID : **2055231483**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.98** The sum of two numbers is 437 and their product is 21982. Find the numbers.

A. 399 and 38
B. 295 and 142
C. 58 and 379
D. 323 and 114

Question ID : **2055231500**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.99** What is the gravitational force exerted on a mass called?

A. Stress
B. Inertia
C. Weight
D. Work

Question ID : **2055231479**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.100** A bank agrees to lend a loan to Arvind of Rs.2,38,75,697 which falls short by 17% for starting his business. How much more loan would he need?

A. 4890203
B. 4375303
C. 5700108
D. 5125533

Question ID : **2055231491**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 4th April 2016 Shift 1

| | |
|---|---|
| Roll No: | 13318017190207 |
| Participants Name: | SUMIT GUPTA |
| Test Center Name: | iON Digital Zone iDZ, Dohna |
| Test Date: | 04/04/2016 |
| Test Time: | 9:00 AM - 10:30 AM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Who Wrote The Autobiography of an Unknown Indian,?

A. Mahatma Gandhi
B. Nirad C Chaudhuri
C. Salman Rushdie
D. R. K. Narayan

Question ID : **2055231583**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

**Q.2** जीवविज्ञान में डीएनए का पूर्ण रूप क्या है?

A. तेजी से मत चलें (Do Not Accelerate)
B. डिऑक्सीराइबोन्यूक्लिक एसिड (Deoxyribonucleic acid)
C. डिजिटल नेटवर्क आर्किटेक्चर (Digital Network Architecture)
D. मनोनीत राष्ट्रीय प्राधिकरण (Designated National Authorities)

Question ID : **2055231572**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. C
✘ 2. D
✔ 3. B
✘ 4. A

**Q.3** सितंबर 2015 में नासा के वैज्ञानिकों को पृथ्वी के बाहर किस ग्रह पर बहते पानी के सबूत मिले?

A. बुध ग्रह
A. वरुण गृह (Neptune)
B. मंगल ग्रह
C. शनि ग्रह

Question ID : **2055231576**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.4**

Question ID : **2055231570**
Status : **Answered**
Chosen Option : **3**

दमित्री मेंडलीफ ने क्या तैयार किया था?

A. अराजकता सिद्धांत
B. रासायनिक तत्वों की आवर्त सारणी
C. अल्फा प्रभाव
D. सुनहरा मध्यवर्ती बिंदु (The Golden Mean)

Ans
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

**Q.5** What do the terms Geocentric and Heliocentric refer to?

Question ID : **2055231569**
Status : **Answered**
Chosen Option : **1**

A. Laws governing the motion of planetary bodies around Earth and Sun
B. Pioneering Telescopic Models
C. Religions of Ancient Greece
D. Two Schools of Thought in Roman Philosophy

Ans
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.6** NASA, अमेरिकी अंतरिक्ष एजेंसी पृथ्वी की निचली कक्षा से किसके आसपास के अंतरिक्ष क्षेत्र में स्थानांतरित होने की योजना बना रही है?

Question ID : **2055231582**
Status : **Answered**
Chosen Option : **1**

A. हमारे चंद्रमा
B. मंगल ग्रह
C. शुक्र ग्रह
D. बुध ग्रह

Ans
✗ 1. B
✓ 2. A
✗ 3. D
✗ 4. C

**Q.7** 48 के सभी धनात्मक गुणनखंडों का माध्य (median) ज्ञात करें।

Question ID : **2055231615**
Status : **Answered**
Chosen Option : **1**

A. 16
B. 12
C. 8
D. 7

Ans
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.8** शब्दों के चार जोड़े दिए गए है। इनमे से भिन्न को चुनें :

Question ID : **2055231624**
Status : **Answered**
Chosen Option : **4**

A. Circular : Circle
B. Rectangular : Rectangle
C. Diagonal : Square
D. Linear : Line

Ans
✗ 1. A
✗ 2. D

✗ 3. B

✓ 4. C

**Q.9** एक पोशाक पर 15% की हानि 225 रूपये है। क्रय मूल्य ज्ञात करें?

A. 1725
B. 1500
C. 1275
D. 1875

Question ID : **2055231604**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

**Q.10** एक चुनाव में $\frac{1}{6}$ वोट अवैध थे। यदि प्रत्याशी 'A' को वैध वोटों के $\frac{8}{15}$ वोट मिले हों और प्रत्याशी 'B' को 4900 वोट मिले हों, तो कुल वोटों की संख्या कितनी है।

A. 10,500
B. 11,800
C. 12,600
D. 14,200

Question ID : **2055231588**
Status : **Answered**
Chosen Option : **1**

**Ans** 1. C

2. D

3. A

4. B

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.11** माउंट कंचनजंघा क्या है?

A. हिमालय का सबसे ऊंचा पर्वत
B. माउंट एवेरेस्ट के उत्तर में स्थित है
C. विश्व का दूसरा सबसे ऊँचा पर्वत
D. विश्व का तीसरा सबसे ऊँचा पर्वत

Question ID : **2055231549**
Status : **Answered**
Chosen Option : **3**

**Ans** ✗ 1. A

✗ 2. B

✓ 3. D

✗ 4. C

**Q.12** गैल्वनीकरण (Galvanization) एक प्रक्रिया है जिसमें लोहे की वस्तुओं पर _____ से बचाने के लिए जिंक की परत चढ़ाई जाती है।

A. मुड़ने (Bending)
B. जंग लगने (Rusting)
C. संक्षारित होने (Corroding)
D. विघटित होने (Disintegrating)

Question ID : **2055231557**
Status : **Answered**
Chosen Option : **2**

**Ans** 1. C

2. B

3. D

4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.13**

Question ID : **2055231620**
Status : **Answered**
Chosen Option : **2**

श्रृंखला में नहीं दिया गया पद (?) ज्ञात करें :

1, 2, 6, 12, 36, 72, ?,.....

A. 108
B. 144
C. 180
D. 216

Ans
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Q.14** यदि P का अर्थ '×', A का अर्थ '+', W का अर्थ '÷' और Y का अर्थ '-' है, तो **13P3A11Y26P6W13A19** का मान क्या होगा?

A. 50
B. 38
C. 57
D. 43

Question ID : **2055231622**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.15** यदि **Z** = 26, **DO** = 19 तो **IT**=?

A. 26
B. 27
C. 28
D. 29

Question ID : **2055231616**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.16** Select the alternative that shows a similar relationship as the given pair -

**Resign : Continue**

A. Retain : Hold on
B. Quit : Give up
C. Redeem : Restore
D. Salvage : Abandon

Question ID : **2055231625**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Q.17** In an isosceles triangle, the sides opposite the two congruent angles are given as 3x+3 and 2x+5, find x.

A. -8/5
B. -7/5
C. 1
D. 2

Question ID : **2055231610**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. B

✗ 3. A

✗ 4. C

**Q.18** यदि 2 साल के लिए 5% की वार्षिक दर से चक्रवृद्धि ब्याज और साधारण ब्याज के बीच का अंतर 225 रुपये है, तो मूलधन ज्ञात करें?

A. 75,000 रुपये
B. 80,000 रुपये
C. 85,000 रुपये
D. 90,000 रुपये

Question ID : **2055231600**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D

✗ 2. A

✗ 3. C

✗ 4. B

**Q.19** एक विशिष्ट सप्ताह में दर्ज किया गया तापमान नीचे दिया गया है।

| सप्ताह के दिन | तापमान सेल्सियस में |
|---|---|
| रविवार | 28 |
| सोमवार | 32 |
| मंगलवार | 35 |
| बुधवार | 30 |
| बृहस्पतिवार | 31 |
| शुक्रवार | 29 |
| शनिवार | 29 |

डिग्री सेल्सियस में सप्ताह का औसत तापमान कितना था?

A. 29
B. 30.5
C. 31.5
D. 32

Question ID : **2055231613**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A

✗ 2. D

✓ 3. B

✗ 4. C

**Q.20** What is the name of the Tablet Computer produced by DataWind which is promoted by the Government of India as part of an e-learning program?

A. Sakshat
B. Rainbow
C. Akash
D. Param

Question ID : **2055231574**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D

✗ 2. A

✗ 3. B

✓ 4. C

**Q.21** 4 अंकों वाली सबसे छोटी संख्या ज्ञात करें जो एक पूर्ण वर्ग हो|

A. 1000
B. 1024
C. 1081
D. 1064

Question ID : **2055231590**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B

✗ 2. D

✗ 3. A

✗ 4. C

**Q.22** Guru's mother is the only daughter of Sachin's mother. How is Guru related to Sachin?

A. Maternal Uncle
B. Nephew
C. Brother
D. Father

Question ID : **2055231628**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.23** नीचे कुछ कथनों के साथ निष्कर्ष दिए गए हैं।

**कथन**:

A. कड़ी मेहनत का कोई विकल्प नहीं है।

B. कठिन परिश्रम करने वाले हमेशा परिणाम के लिए आशावादी होते है.

**निष्कर्ष**:

I. कड़ी मेहनत के अलावा परिणाम प्राप्त करने का कोई शॉर्टकट नहीं है।

II. कड़ी मेहनत सफलता के लिए निश्चित रास्ता है।

नीचे दिये गए कौन से निष्कर्ष इन कथनों के साथ तर्कसंगत हैं?

A. केवल निष्कर्ष I तर्कसंगत है
B. केवल निष्कर्ष II तर्कसंगत है
C. I और II दोनों तर्कसंगत हैं
D. न तो I न ही II तर्कसंगत नहीं हैं

Question ID : **2055231636**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. B
✓ 4. A

**Q.24** दो संख्याओं का अनुपात 2:3 है। यदि दोनों संख्याओं में से 12 घटा दिये जाते हैं तो अनुपात 5:8 हो जाता है। संख्याएँ ज्ञात करें।

A. 16 और 24
B. 35 और 56
C. 72 और 108
D. 20 और 48

Question ID : **2055231592**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.25** GSM का पूरा नाम क्या है?

A. जियोग्राफिकल सिस्टम फॉर मोबिलिटी (Geographic System for Mobility)
B. ग्लोबल सिस्टम फॉर मोबाइल कम्युनिकेशन (Global System for Mobile Communications)
C. ग्रेट सिस्टम फॉर मोबाइल्स (Great System for Mobiles)
D. ग्रांड सिस्टम फॉर मोबिलिटी (Grand System for Mobility)

Question ID : **2055231585**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.26** एक पुस्तक का विक्रय मूल्य उसके क्रय मूल्य का $\frac{19}{15}$ है। प्रतिशत में लाभ ज्ञात करें।

A. 20%
B. 22%
C. 26.67%
D. 30%

Question ID : **2055231602**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B

✔ 2. C

✗ 3. D

✗ 4. A

**Q.27** जुलाई 1905 में, बंगाल के विभाजन का आदेश किसने दिया था?

Question ID : **2055231555**
Status : **Answered**
Chosen Option : **1**

A. वारेन हेस्टिंग्स (Warren Hastings)

B. लॉर्ड इरविन (Lord Irwin)

C. लॉर्ड कर्जन (Lord Curzon)

D. विस्काउंट माउंटबेटन(Viscount Mountbatten)

**Ans**

✔ 1. C

✗ 2. B

✗ 3. A

✗ 4. D

**Q.28** अव्यवस्थित अक्षरों को पुनर्व्यवस्थित करके एक सार्थक शब्द बनाएं और फिर उन में से भिन्न का चयन करें।

Question ID : **2055231637**
Status : **Answered**
Chosen Option : **1**

A. AYAPPA
B. WARST
C. PAGER
D. ANGOM

**Ans**

✔ 1. B

✗ 2. D

✗ 3. A

✗ 4. C

**Q.29** The Purple Frontier, The Earth Dragon and The Outer Fortresses, all refer to

Question ID : **2055231551**
Status : **Answered**
Chosen Option : **1**

A. The Himalayas

B. The Yellow River

C. The Great Wall of China

D. Books written by J.R.R. Tolkien

**Ans**

✔ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

**Q.30** भारतीय उप-महाद्वीप से यूरोपीयन क्लब के लिए खेलने वाला पहला फुटबाल खिलाड़ी कौन था?

Question ID : **2055231559**
Status : **Answered**
Chosen Option : **2**

A. मोहम्मद सलीम
B. बाईचुंग भूटिया
C. हरमीत सिंह
D. माइकल चोपड़ा

**Ans**

✗ 1. D

✗ 2. B

✔ 3. A

✗ 4. C

**Q.31** $\text{cosec}^2A \times \cos^2A = ?$

Question ID : **2055231612**
Status : **Answered**
Chosen Option : **3**

A. $\tan^2A$

B. $\cot^2A$

C. 1

D. $\sec^2A$

Ans
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

Q.32 नीचे कुछ कथनों के साथ निष्कर्ष दिए गए हैं।

**कथन**: कक्षा में मुख्यतः लड़कियाँ बुद्धिमान हैं।

**निष्कर्ष**:

I. कक्षा में लड़के नहीं हैं।

II. कक्षा में कुछ लड़कियाँ बुद्धिमान नहीं हैं।

नीचे दिये गए कौन से निष्कर्ष इन कथनों के साथ तर्कसंगत हैं?

A. केवल निष्कर्ष I तर्कसंगत है
B. केवल निष्कर्ष II तर्कसंगत है
C. I और II दोनों तर्कसंगत हैं
D. न तो I न ही II तर्कसंगत नहीं हैं

Question ID : **2055231635**
Status : **Answered**
Chosen Option : **2**

Ans
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

Q.33 What is an Electron?

A. A subatomic particle with a net charge that is neutral
B. A subatomic particle with a net charge that is positive
C. A subatomic particle with a net charge that is negative
D. A subatomic particle with a net charge that is zero

Question ID : **2055231571**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

Q.34 मुंबई में परमाणु ऊर्जा संस्थान का पुनःनामकरण किस भारतीय परमाणु भौतिकविद् के सम्मान में किया गया था?

A. सी. वी. रमन
B. रामकृष्ण रामनाथन
C. होमी जहांगीर भाभा
D. राजा रमन्ना

Question ID : **2055231568**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

Q.35 निम्नलिखित नामों में से नीलांजना सुदेशना कौन है, जिन्हें भारतीय मूल के लोकप्रिय अमेरिकी लेखक के रूप में जाना जाता है?

A. संजयान
B. माली
C. झुंपा लाहिड़ी
D. नंदानर

Question ID : **2055231565**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

Q.36

Question ID : **2055231561**

पृथ्वी दिवस कब मनाया जाता है?

Status : **Answered**
Chosen Option : **4**

A. 18 सितंबर
B. 25 अगस्त
C. 22 अप्रैल
D. 7 अप्रैल

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

---

**Q.37** $4+2xy-3x^2y$ और $-5xy+x^2y-2xy^2$ के योग में से $6x^2y-9xy^2+3xy-5$ घटायें।

Question ID : **2055231607**
Status : **Answered**
Chosen Option : **3**

A. $8x^2y-7xy^2+6xy-9$
B. $x^2y-6xy-8$
C. $-8x^2y+7xy^2-6xy+9$
D. $xy^2+15xy$

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

---

**Q.38** यदि **Pacific : Ocean** हैं, तो **Bay of Bengal:** _____

Question ID : **2055231627**
Status : **Answered**
Chosen Option : **3**

A. Ocean
B. Sea
C. River
D. Creek

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

---

**Q.39** 8 अवलोकनों का माध्य (mean) 10.5 है। यदि अवलोकनों में से सात अवलोकन 3, 15, 7, 19, 12, 17 और 8 हैं, तो आठवाँ अवलोकन ज्ञात करें।

Question ID : **2055231614**
Status : **Answered**
Chosen Option : **3**

A. 10
B. 11
C. 3
D. 12

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

---

**Q.40** सरल बनाएँ: $\frac{7}{16} \div \frac{28}{32} \div \frac{4}{8}$

Question ID : **2055231623**
Status : **Answered**
Chosen Option : **2**

A. 1
B. 2
C. 4
D. 8

**Ans**
✗ 1. B
✓ 2. A

✗ 3. D

✗ 4. C

**Q.41** If $\sin\theta = 5/13$, find $\cos\theta$

A. 8/13

B. 12/13

C. 23/13

D. 1

Question ID : **2055231611**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. C

✓ 2. B

✗ 3. A

✗ 4. D

**Q.42** यदि **PEN** = 613 और **STRING** = 580934 है, तो **RIPENING** = _____

A. 09631934

B. 09163934

C. 09316934

D. 09613934

Question ID : **2055231617**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. B

✗ 2. A

✓ 3. D

✗ 4. C

**Q.43** यदि 4 आदमी 96 मीटर लंबी दीवार को 2 दिन में पेंट कर सकते हैं, तो 6 आदमियों द्वारा 72 मीटर लंबी दीवार को पेंट करने में कितना समय लगेगा?

A. 1 दिन
B. 2 दिन
C. 3 दिन
D. 4 दिन

Question ID : **2055231596**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. C

✗ 2. D

✓ 3. A

✗ 4. B

**Q.44** चार्ल्स कोरिया कौन था?

A. एक प्रसिद्ध नाटककार

B. एक प्रसिद्ध कवि

C. एक फिल्म निर्माता

D. एक प्रसिद्ध वास्तुकार

Question ID : **2055231552**
Status : **Answered**
Chosen Option : **1**

**Ans**

✓ 1. D

✗ 2. B

✗ 3. C

✗ 4. A

**Q.45** यदि **CALENDAR** = AYJCLBYP, तो **STABLE** = _____?

A. RQYZCJ

B. QRYZJC

C. QRYCZJ

D. RQCYZJ

Question ID : **2055231619**
Status : **Answered**
Chosen Option : **1**

**Ans**

✓ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

**Q.46** यदि 2 संख्याओं का गुणनफल इनके योग का 3 गुना है तथा एक संख्या 12 है तो दूसरी संख्या ज्ञात करें।

A. 2
B. 3
C. 4
D. 5

Question ID : **2055231605**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A

✗ 2. D

✓ 3. C

✗ 4. B

**Q.47** 7 भुजाओं वाले एक बहुभुज की डिग्री में आंतरिक कोणों का योग कितना होगा?

A. $180^{\circ}$
B. $360^{\circ}$
C. $540^{\circ}$
D. $900^{\circ}$

Question ID : **2055231609**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A

✗ 2. B

✗ 3. C

✓ 4. D

**Q.48** अक्टूबर 2015 में सेशेल्स के सांस्कृतिक राजदूत के रूप में किसे नामित किया गया था?

A. हृदयनाथ मंगेशकर
B. ए.आर. रहमान
C. सुभाष घई
D. आशा भोसले

Question ID : **2055231554**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D

✗ 2. C

✓ 3. B

✗ 4. A

**Q.49** कन्फ्यूशियस (Confucius) कौन था?

A. तिब्बत का एक प्रधान रसोइया
B. एक चीनी दार्शनिक
C. चीन में वसंत और शरद ऋतु का एक प्रसिद्ध चित्रकर
D. कोरियाई सामंत

Question ID : **2055231550**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B

✗ 2. D

✗ 3. C

✗ 4. A

**Q.50** लास्साडिव सागर (Laccadive Sea) को और किस नाम से जाना जाता है?

A. मन्नार सागर
B. श्रीलंकाई सागर
C. लक्षद्वीप सागर
D. मालदीव सागर

Question ID : **2055231548**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. B

✔ 2. C

✘ 3. D

✘ 4. A

**Comprehension:**

निम्नलिखित जानकारी पर विचार करें और उस पर आधारित सवालों के जवाब दें :

Y, R, M, J और B पाँच व्यवसाय करते है, अर्थात् डिजाइनर, शिक्षक, इंजीनियर, तकनीशियन और एकाउंटेंट और पांच उपकरण अर्थात् मोबाइल, लैपटॉप, कैलकुलेटर, टैबलेट और कंप्यूटर, यादृच्छिक क्रम में है। एक व्यक्ति केवल एक ही पेशे को और केवल एक ही उपकरण को ले सकता है।

1. M के पास एक कैलकुलेटर है और वह न ही शिक्षक है और न ही तकनीशियन है।
2. डिजाइनर के पास टैबलेट है।
3. जिस व्यक्ति के पास एक मोबाइल है वह न एक एकाउंटेंट है और न ही एक शिक्षक है।
4. Y एक इंजीनियर है जिसके पास न तो कंप्यूटर है और न ही मोबाइल है।
5. J एक तकनीशियन है और B शिक्षक नहीं है।

**SubQuestion No : 51**

**Q.51** निम्नलिखित में से कौन सा सही संयोजन है?

Question ID : **2055231633**
Status : **Answered**
Chosen Option : **1**

A. शिक्षक - लैपटॉप

B. अकाउंटेंट - टैबलेट

C. तकनीशियन - कंप्यूटर

D. इंजीनियर - लैपटॉप

**Ans** ✔ 1. D

✘ 2. C

✘ 3. B

✘ 4. A

**Comprehension:**

निम्नलिखित जानकारी पर विचार करें और उस पर आधारित सवालों के जवाब दें :

Y, R, M, J और B पाँच व्यवसाय करते है, अर्थात् डिजाइनर, शिक्षक, इंजीनियर, तकनीशियन और एकाउंटेंट और पांच उपकरण अर्थात् मोबाइल, लैपटॉप, कैलकुलेटर, टैबलेट और कंप्यूटर, यादृच्छिक क्रम में है। एक व्यक्ति केवल एक ही पेशे को और केवल एक ही उपकरण को ले सकता है।

1. M के पास एक कैलकुलेटर है और वह न ही शिक्षक है और न ही तकनीशियन है।
2. डिजाइनर के पास टैबलेट है।
3. जिस व्यक्ति के पास एक मोबाइल है वह न एक एकाउंटेंट है और न ही एक शिक्षक है।
4. Y एक इंजीनियर है जिसके पास न तो कंप्यूटर है और न ही मोबाइल है।
5. J एक तकनीशियन है और B शिक्षक नहीं है।

**SubQuestion No : 52**

**Q.52** कंप्यूटर किसके पास है?

Question ID : **2055231634**
Status : **Answered**
Chosen Option : **3**

A. B

B. J

C. R

D. Y

**Ans** ✘ 1. B

✘ 2. D

✔ 3. C

✘ 4. A

**Comprehension:**

निम्नलिखित जानकारी पर विचार करें और उस पर आधारित सवालों के जवाब दें :

Y, R, M, J और B पाँच व्यवसाय करते है, अर्थात् डिजाइनर, शिक्षक, इंजीनियर, तकनीशियन और एकाउंटेंट और पांच उपकरण अर्थात् मोबाइल, लैपटॉप, कैलकुलेटर, टैबलेट और कंप्यूटर, यादृच्छिक क्रम में है। एक व्यक्ति केवल एक ही पेशे को और केवल एक ही उपकरण को ले सकता है।

1. M के पास एक कैलकुलेटर है और वह न ही शिक्षक है और न ही तकनीशियन है।
2. डिजाइनर के पास टैबलेट है।
3. जिस व्यक्ति के पास एक मोबाइल है वह न एक एकाउंटेंट है और न ही एक शिक्षक है।
4. Y एक इंजीनियर है जिसके पास न तो कंप्यूटर है और न ही मोबाइल है।
5. J एक तकनीशियन है और B शिक्षक नहीं है।

**SubQuestion No : 53**

**Q.53** एकाउंटेंट के पास कौन सा उपकरण है?

Question ID : **2055231632**
Status : **Answered**
Chosen Option : **1**

A. टैबलेट
B. कैलकुलेटर
C. मोबाइल
D. लैपटॉप

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

**Q.54** सरल करें: $4\sqrt{18} + 7\sqrt{32} - 2\sqrt{50}$

Question ID : **2055231589**
Status : **Answered**
Chosen Option : **4**

A. $30\sqrt{2}$
B. $32\sqrt{3}$
C. $36\sqrt{2}$
D. $30\sqrt{3}$

**Ans**
✘ 1. C
✘ 2. D
✘ 3. B
✔ 4. A

**Q.55** What pointing device in computers functions by detecting two-dimensional motion relative to its supporting surface?

Question ID : **2055231580**
Status : **Answered**
Chosen Option : **4**

A. Pointer
B. Tracker
C. Mouse
D. Keyboard

**Ans**
✘ 1. A
✘ 2. D
✘ 3. B
✔ 4. C

**Q.56** भारत में श्वेत क्रांति के जनक के रूप में कौन लोकप्रिय है?

Question ID : **2055231564**
Status : **Answered**
Chosen Option : **1**

A. आनंद दूधवाला
B. डॉ. वर्गीस कुरियन
C. त्रिभुवनदास पटेल
D. करसनभाई पटेल

**Ans**

✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

**Q.57** भारत के गवर्नर जनरल के रूप में विस्काउंट लुईस माउंटबेटन की जगह किसने ली थी?

A. पंडित जवाहर लाल नेहरू
B. सरदार वल्लभ भाई पटेल
C. डॉ. राजेंद्र प्रसाद
D. सी. राजगोपालाचारी

Question ID : **2055231556**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. C
✘ 4. A

**Q.58** भारत के पहले उपग्रह का नाम क्या था?

A. आर्यभट्ट
B. लगाधा
C. ब्रह्मगुप्त
D. लल्ला

Question ID : **2055231575**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. D
✘ 3. B
✘ 4. C

**Q.59** एक जूनियर कॉलेज कक्षा 10 के उत्तीर्ण छात्रों की भारती निम्नलिखित मापदंडों के आधार पर करता है :-

1. जिन छात्रों ने अंग्रेजी में कम से कम 75% या हिन्दी में 80% अंक हासिल किए हैं।
2. जिन छात्रों ने गणित में 95% और भौतिक शास्त्र में 90% से ऊपर अंक हासिल किए हैं।
3. जो छात्र खेल या लोक भाषण में अच्छे हैं।

कॉलेज द्वारा निम्नलिखित में से कौन सा छात्र निश्चित रूप से लिया जाएगा?

A. B ने भौतिक शास्त्र में 90%, गणित में 89%, हिन्दी में 75% हासिल किए और वह एक गिटारवादक है।
B. I ने भौतिक शास्त्र में 92%, गणित में 95.5%, हिन्दी में 81% हासिल किए और एक शतरंज का खिलाड़ी है।
C. R ने रसायन विज्ञान में 93%, गणित में 96%, अंग्रेजी में 80% और वह बास्केटबॉल खेलता है।
D. D ने भौतिक शास्त्र में 90%, रसायन विज्ञान में 81%, गणित में 90%, हिन्दी में 75% और वह एक गायक है।

Question ID : **2055231646**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. D
✔ 3. B
✘ 4. C

**Q.60** निम्नलिखित को पढ़ें और उस पर आधारित सवाल का जवाब दें।

जनरेशन गैप आजकल वित्तीय संस्थानों सहित सभी संगठनों में देखने को मिलता है जहाँ डिजिटलिकरण हुआ है। उसका कारण यह है कि ये संस्थान लेटरल एंट्री चैनल के माध्यम से अनुभवी या गैर-अनुभवी योग्य व्यक्तियों को रोजगार प्रदान करना पसंद करते हैं। नतीजतन, उच्च शिक्षित नए उम्मीदवारों के साथ अनुभवी कर्मचारियों का सह-अस्तित्व तेजी से मुश्किल हो गया है।

दिये गए अनुच्छेद से कौन सा निष्कर्ष निकलता है?

A. जनरेशन गैप को भरना संभव नहीं है।
B. उच्च शिक्षित योग्य लोग अनुभवी लोगों की बात नहीं सुनते।
C. अनुभवी लोग अतिरिक्त हो गए हैं।
D. वित्तीय संस्थानों ने डिजिटल तकनीक को अपनाया है।

Question ID : **2055231648**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. B
✘ 3. A
✔ 4. D

**Q.61**

Question ID : **2055231626**
Status : **Answered**

Chosen Option : **4**

निम्नलिखित में समानता का पता लगाएं:
**Common Cold, Ringworm, Conjunctivitis, Whooping cough**

A. ये सभी असंक्रामक रोग हैं।
B. ये सभी उपचारात्मक उपचार को प्रतिक्रिया नहीं करते।
C. ये सभी संक्रामक हैं।
D. इन सभी के लिए कोई निवारक उपाय उपलब्ध नहीं है।

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Q.62** पी. वी. सिंधू कौन है?

Question ID : **2055231558**
Status : **Answered**
Chosen Option : **3**

A. भारतीय फुटबाल प्लेयर
B. भारतीय भरतनाट्यम नर्तकी
C. भारतीय बैडमिंटन चैंपियन
D. भारतीय क्रिकेटर

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.63** एक आयत का परिमाप 28 से.मी. है। यदि इसकी एक भुजा 4 से.मी. हो, तो दूसरी भुजा की लंबाई ज्ञात करें।

Question ID : **2055231606**
Status : **Answered**
Chosen Option : **4**

A. 24 से.मी.
B. 7 से.मी.
C. 10 से.मी.
D. 8 से.मी.

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.64** एक आदमी 5 कि.मी./घंटा की गति से चलता है और एक पुल को 18 मिनट में पार कर लेता है। पुल की लंबाई ज्ञात कीजिये|

Question ID : **2055231599**
Status : **Answered**
Chosen Option : **1**

A. 1500 मीटर
B. 1800 मीटर
C. 1250 मीटर
D. 1200 मीटर

**Ans**
✓ 1. A
✗ 2. C
✗ 3. B
✗ 4. D

**Q.65** एक व्यक्ति 3 वर्ष के लिए 7% वार्षिक चक्रवृद्धि ब्याज की दर से एक बैंक से निश्चित राशि उधार लेता है। यदि वह कुल ब्याज के रूप में 85,966 रुपये का भुगतान करता है, तो उधार ली गई राशि कितनी थी?

Question ID : **2055231601**
Status : **Answered**
Chosen Option : **3**

A. 462,000 रुपये
B. 382,000 रुपये
C. 354,000 रुपये
D. 428,000 रुपये

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.66**

Question ID : **2055231547**

2 अक्टूबर 2015 को बनी गूगल की मूल कंपनी का नाम क्या है?

Status : **Answered**
Chosen Option : **2**

A. नेस्ट लैब्स
B. अल्फाबेट Inc.
C. कैलिकौ
D. अल्फा Inc.

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Q.67** कंप्यूटर विज्ञान में सीपीयू (CPU) का पूरा नाम क्या है?

Question ID : **2055231579**
Status : **Answered**
Chosen Option : **3**

A. कोर प्रोग्रामिंग यूटिलिटी (Core Programming Utility)
B. सेंट्रल प्रोसेसिंग यूनिट (Central Processing Unit)
C. सर्किट परिधीय यूनिट (Circuit Peripheral Unit)
D. नियंत्रित विद्युत उपयोग (Controlled Power Usage)

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

---

**Q.68** Thermostat is a device in ovens which helps to maintain a temperature by:

Question ID : **2055231562**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. completing the circuit
B. breaking the circuit
C. adding a component to the circuit
D. removing a component from the circuit

**Ans** 1. D
2. B
3. A
4. C

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

---

**Q.69** भारतीय रेलवे ने 2015 में CNG पर चलने वाली पहली ट्रेन की शुरुवात की| CNG का पूर्ण रूप क्या है?

Question ID : **2055231560**
Status : **Answered**
Chosen Option : **4**

A. संकुचित नाइट्रोजन गैस (Compressed Nitrogen Gas)
B. संकुचित प्राकृतिक गैस (Compressed Natural Gas)
C. स्वच्छ नाइट्रोजन गैस (Clean Nitrogen Gas)
D. कार्बन और नाइट्रोजन गैस (Carbon and Nitrogen Gas)

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

---

**Q.70** कंप्यूटर में स्टोरेज से संबंधित RAM का पूर्ण रूप क्या है?

Question ID : **2055231581**
Status : **Answered**
Chosen Option : **2**

A. रैंडम एक्सेस मेमोरी (Random Access memory)
B. रियल एक्सेस टू मेमोरी (Real Access to Memory)
C. रैंडमली अवेलेबल मेमोरी (Randomly Available Memory)
D. रैंडम एक्सेस मशीन (Random Access Machine)

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C

✗ 4. D

**Q.71** एक कोड भाषा में 'costly dining table' को 'an ob cp' के जैसे लिखा है और 'cannot buy table' को 'es an dq' के जैसे लिखा है, तो 'table' को किस तरह लिखा जाएगा?

A. ob
B. cp
C. dq
D. an

Question ID : **2055231618**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

**Comprehension:**

The following table represents the sales (in million) of four companies for five years. Consider the table and answer questions based on it.

| Company | 1984 | 1985 | 1986 | 1987 | 1988 |
|---|---|---|---|---|---|
| TO | 350 | 400 | 300 | 350 | 350 |
| HO | 170 | 220 | 250 | 225 | 350 |
| KO | 230 | 210 | 250 | 270 | 300 |
| YO | 300 | 240 | 150 | 225 | 250 |

**SubQuestion No : 72**

**Q.72** What is the difference in the total sales of KO and HO in the last three years?

A. 200 million
B. 195 million
C. 5 million
D. No difference

Question ID : **2055231644**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Comprehension:**

The following table represents the sales (in million) of four companies for five years. Consider the table and answer questions based on it.

| Company | 1984 | 1985 | 1986 | 1987 | 1988 |
|---|---|---|---|---|---|
| TO | 350 | 400 | 300 | 350 | 350 |
| HO | 170 | 220 | 250 | 225 | 350 |
| KO | 230 | 210 | 250 | 270 | 300 |
| YO | 300 | 240 | 150 | 225 | 250 |

**SubQuestion No : 73**

**Q.73** Which company's total sales in the first three years is lowest among others?

A. YO
B. HO
C. KO
D. TO

Question ID : **2055231643**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Comprehension:**

निम्नलिखित तालिका चार कंपनियों की पांच साल की बिक्री (मिलियन में) को दर्शाता है। तालिका पर विचार करें और उस पर आधारित सवालों के जवाब दें।

| कंपनी | 1984 | 1985 | 1986 | 1987 | 1988 |
|---|---|---|---|---|---|
| TO | 350 | 400 | 300 | 350 | 350 |
| HO | 170 | 220 | 250 | 225 | 350 |
| KO | 230 | 210 | 250 | 270 | 300 |
| YO | 300 | 240 | 150 | 225 | 250 |

**SubQuestion No : 74**

**Q.74** कौन सी कंपनी 1985-1988 से अपनी बिक्री में एक क्रमिक वृद्धि दर्शाती है?

Question ID : **2055231645**
Status : **Answered**
Chosen Option : **4**

A. TO
B. HO
C. KO
D. YO

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.75** विक्टोरिया मेमोरियल स्मारक किस रूप में काम करता है?

Question ID : **2055231566**
Status : **Answered**
Chosen Option : **3**

A. एक रेलवे स्टेशन
B. एक आर्ट गैलरी
C. शिक्षा का एक केन्द्र
D. एक संग्रहालय

**Ans**
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

**Q.76** यदि 68.04 क्विंटल (मैट्रिक) चावल 3780 लोगों में वितरित किया जाना है, तो प्रत्येक व्यक्ति को कितना चावल मिलेगा?

Question ID : **2055231591**
Status : **Answered**
Chosen Option : **1**

A. 18 किलो
B. 1.8 किलो
C. 180 किलो
D. 1.08 किलो

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.77** यदि 30 आदमी प्रतिदिन 7 घंटे काम करके एक काम को 15 दिनों में समाप्त कर सकते हैं तो 25 आदमीयों द्वारा उसी काम को 12 दिनों में समाप्त करने के लिए प्रतिदिन कितने घंटे काम करना पड़ेगा?

Question ID : **2055231597**
Status : **Answered**
Chosen Option : **1**

A. 8
B. 10.5
C. 12.5
D. 15

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.78**

Question ID : **2055231630**
Status : **Answered**
Chosen Option : **4**

यदि रामू की दो बहनें हैं और उसके पिता के तीन बच्चे हैं, तो रामू के कितने भाई है?

A. 1
B. 2
C. 3
D. एक भी नहीं

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

---

**Q.79** एक पिता अपनी संपत्ति को अपनी पत्नि के लिए $\frac{1}{3}$ भाग रखने के पश्चात अपने तीन पुत्रों में 2:3:5 के अनुपात में बाँटता है। यदि पहले पुत्र को 48,000 रूपये प्राप्त होते हैं तो उसकी कुल संपत्ति कितनी थी?

A. 480,000 रूपये
B. 240,000 रूपये
C. 360,000 रूपये
D. 120,000 रूपये

Question ID : **2055231593**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

---

**Q.80** What is considered the Supreme Law of India?

A. The Indian Constitution
B. Democracy
C. Teachings of Dr.Ambedkar
D. Secularism

Question ID : **2055231563**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

---

**Q.81** एक कमरे की लंबाई, चौड़ाई और ऊँचाई क्रमश: 363 मीटर, 528 मीटर तथा 693 मीटर है। सबसे लंबे टेप को निर्धारित करें जो कमरे के तीनों आयामों का स्पष्ट माप कर सके।

A. 33 मीटर
B. 35 मीटर
C. 27 मीटर
D. 30 मीटर

Question ID : **2055231595**
Status : **Answered**
Chosen Option : **4**

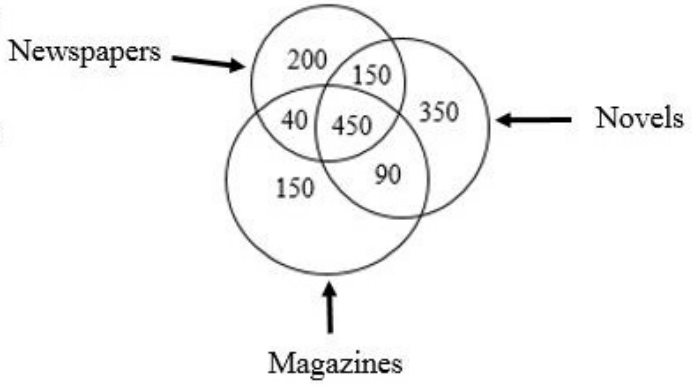
**Ans**
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

---

**Comprehension:**

Study the following diagram and answer questions based on it.

The diagram represents the reading preferences of people in a society.




**SubQuestion No : 82**

**Q.82** The ratio of people who read both magazines and novels to those who read only newspapers is

A. 20/9
B. 27/10
C. 9/15
D. 9/20

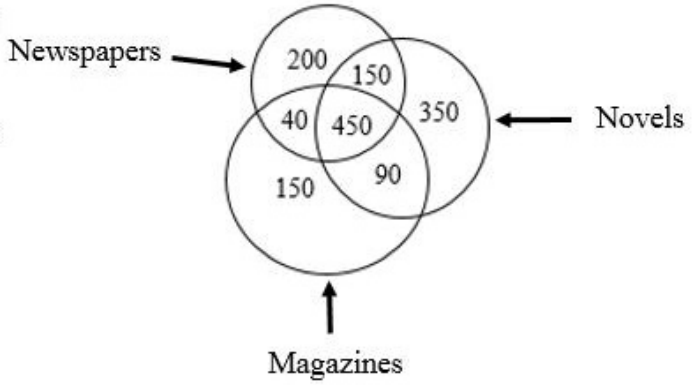
Question ID : **2055231639**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Comprehension:**

Study the following diagram and answer questions based on it.

The diagram represents the reading preferences of people in a society.




**SubQuestion No : 83**

**Q.83** The ratio of people who read only magazines to those who read all the three is

A. 1:5
B. 1:3
C. 5:9
D. 4:9

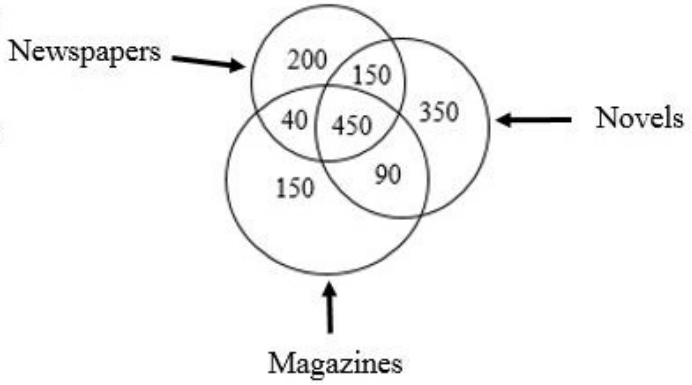
Question ID : **2055231641**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

**Comprehension:**

Study the following diagram and answer questions based on it.

The diagram represents the reading preferences of people in a society.




**SubQuestion No : 84**

**Q.84** What is the difference between the people who like novels and those who like newspapers?

A. 250
B. 240
C. 200
D. 190

Question ID : **2055231640**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

---

**Q.85** श्रृंखला में नहीं दिया गया पद (?) ज्ञात करें :
DABC, HEFG, **?**, PMNO, TQRS.....

A. IJKL
B. LIJK
C. KIJL
D. JIKL

Question ID : **2055231621**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

---

**Q.86** 210 मीटर लंबी एक रेलगाड़ी 108 कि.मी./घंटा की गति से चलती है। 150 मीटर लंबे प्लेटफॉर्म को पार करने में इस रेलगाड़ी द्वारा कितना समय लगेगा?

A. 8 सेंकड़
B. 9 सेंकड़
C. 10 सेंकड़
D. 12 सेंकड़

Question ID : **2055231598**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

---

**Q.87** Find the measure of an angle which is 4 times its supplementary angle.

A. $45^\circ$
B. $36^\circ$
C. $90^\circ$
D. $58^\circ$

Question ID : **2055231608**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

Q.88 M is the brother of G who has a sister C. How is M's father related to C's son?

A. Father
B. Maternal Uncle
C. Paternal Uncle
D. Grandfather

Question ID : **2055231629**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

Q.89 In which year was the economic liberalization in India Initiated?

A. 2005
B. 2014
C. 1978
D. 1991

Question ID : **2055231577**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. B
✗ 3. C
✗ 4. A

Q.90 एमिनो एसिड के 4 प्रमुख तत्व कौन से हैं?

A. लोहा, सल्फर, सिलिकॉन और पोटेशियम
B. हीलियम, लिथियम, बेरिलियम और बोरान
C. प्लूटोनियम, यूरेनियम, प्रोमेथियम और नियोन
D. कार्बन, हाइड्रोजन, ऑक्सीजन और नाइट्रोजन

Question ID : **2055231573**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

Q.91 1/x=4 और 1/y=7 है, तो x+y ज्ञात करें।

A. 11
B. 28
C. $\frac{11}{28}$
D. 3

Question ID : **2055231586**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

Q.92

Question ID : **2055231546**

जनवरी 2016 तक, इसरो (भारतीय अंतरिक्ष अनुसंधान संगठन) मुख्यालय कहाँ पर था?

A. बैंगलुरू
B. हैदराबाद
C. कोलकाता
D. तिरुवनंतपुरम

Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

**Q.93** 72 मीटर लंबे और 90 मीटर चौड़े फर्श पर टाइलें बिछाई जानी है। एक टाइल का अधिकतम आकार क्या होगा यदि सिर्फ वर्गाकार टाइलें ही उपयोग की जानी है।

A. 12 मीटर
B. 15 मीटर
C. 18 मीटर
D. 9 मीटर

Question ID : **2055231594**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.94** एक दुकानदार 20 कुर्सियाँ बेचकर 4 कुर्सियों के विक्रय मूल्य के बराबर लाभ कमाता है। उसे कितना प्रतिशत लाभ हुआ?

A. 20%
B. 25%
C. 33.33%
D. 15%

Question ID : **2055231603**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.95** Who created the comic strip Calvin & Hobbes?

A. Bob Marley
B. Tex Avery
C. Chuck Jones
D. Bill Watterson

Question ID : **2055231578**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

**Q.96** What is the unit of length used informally to express astronomical distances?

A. Petametres
B. Parsecs
C. Light years
D. Hubble length

Question ID : **2055231584**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.97**

Question ID : **2055231567**
Status : **Answered**
Chosen Option : **1**

शोर मंदिर कहाँ पर स्थित है?

A. महाबलीपुरम
B. तिरुवनंतपुरम
C. द्वारका
D. विशाखापत्तनम

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

---

**Q.98** अभिकथन (A) और कारण (R) नीचे दिए गए हैं।
**अभिकथन (A):** पत्ती के हरे रंग का कारण एक वर्णक है जिसे क्लोरोफिल कहते है।
**कारण (R):** प्रकाश संश्लेषण एक प्रक्रिया है जो प्रकाश ऊर्जा को रासायनिक ऊर्जा में परिवर्तित करती है।
सही विकल्प चुनें।

A. A और R दोनों सत्य हैं और R, A की सही व्याख्या है
B. A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
C. A सच है, लेकिन R गलत है
D. A गलत है, लेकिन R सच है

Question ID : **2055231647**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

---

**Q.99** यदि एक कार 54 कि.मी./घंटा की गति से चलती है तो यह 1 मिनट में कितनी दूरी तय करेगी?

A. 9 कि.मी.
B. 90 मीटर
C. 900 मीटर
D. 540 मीटर

Question ID : **2055231587**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

---

**Q.100** दिसंबर 2015 में यूनेस्को (UNESCO) के क्रिएटिव सिटी नेटवर्क में किन दो भारतीय शहरों को शामिल किया गया था?

A. वाराणसी और जयपुर
B. अयोध्या और ग्वालियर
C. द्वारका और वल्लभी
D. मदुरै और उज्जैन

Question ID : **2055231553**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 5th April 2016 Shift 2

| | |
|---|---|
| Roll No: | 12318041230482 |
| Participants Name: | SHIKESH KANKARIYA |
| Test Center Name: | iON Digital Zone iDZ 2, Mathura Road |
| Test Date: | 05/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** इंदिरा गांधी की जीवनी के लेखक का नाम क्या है?

Question ID : **2055231855**
Status : **Answered**
Chosen Option : **1**

A. शोभा डे
B. अरुंधति रॉय
C. पुपुल जयकर
D. के. आर. नारायणन

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.2** 10 टाफियां तथा 20 मिन्ट का क्रय मूल्य 40 रूपये है। यदि टाफियों तथा मिन्ट की सख्यॉ आपस में बदल दी जाये तो कीमत 10 रूपये बढ़ जाती है, तो प्रत्येक मिन्ट का मूल्य ज्ञात कीजिए

Question ID : **2055231916**
Status : **Answered**
Chosen Option : **2**

A. 1रूपये
B. 2रूपये
C. 3रूपये
D. 4रूपये

**Ans**
✘ 1. C
✔ 2. A
✘ 3. D
✘ 4. B

**Q.3** तरल पदार्थ के घनत्व को नापने के लिए किसका प्रयोग किया जाता है?

Question ID : **2055231877**
Status : **Answered**
Chosen Option : **1**

A. आर्द्रतामापी (Hygrometer)
B. हाइड्रोमीटर (Hydrometer)
C. हिप्सोमीटर (Hypsometer)
D. फैथोमीटर (Fathometer)

**Ans**
✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

**Q.4**

Question ID : **2055231957**
Status : **Answered**
Chosen Option : **3**

**नीचे दिए गए कथनों को ध्यान से पढ़ें और प्रश्न का उत्तर दें.**

मोबाइल फ़ोन परीक्षा के समय खतरा बनते जा रहे हैं, क्योंकि विद्यार्थी अकसर उन्हें परीक्षा हाल में ले जाते हैं। राज्य शिक्षा बोर्ड को विद्यार्थियों और निरीक्षकों को परीक्षा केन्द्रों में मोबाइल फ़ोन ले जाने से रोकने में कठिनाई हो रही है।
दिए गए कथन के अनुसार निम्नलिखित में से कौन सा कथन सत्य है?

A. विद्यार्थियों और अध्यापकों की एक-दूसरे के साथ मिलीभगत है।
B. परीक्षा केन्द्रों में मोबाइल फ़ोन के प्रवेश की जांच करने की कोई उचित प्रणाली नहीं है।
C. राज्य शिक्षा बोर्ड समस्या के लेकर गंभीर नहीं है।
D. परीक्षा केन्द्रों में कोई नेटवर्क जैमर नहीं हैं।

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

---

**Q.5** यहाँ 64 आदमी, 48 महिलाएं तथा 32 बच्चे जिन्हें समान अनुपात के समूहों में शामिल किया जाना है, किसी को भी बिना छोड़े इस प्रकार के कितने समूह बनाये जा सकते है?

A. 16
B. 12
C. 18
D. 14

Question ID : **2055231902**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

---

**Q.6** बायोडाइवर्सिटी (Biodiversity) किसे संदर्भित करती है?

A. ठोस कचरे का पुनर्चक्रण |
B. पृथ्वी पर जीवन की विविधता |
C. संस्कृति और परंपराओं का संरक्षण |
D. जानवरों का अध्ययन |

Question ID : **2055231881**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

---

**Q.7** निम्नलिखित प्रश्न में, यदि गणितीय ऑपरेटर '÷' और '+' को एक दूसरे से बदल दिया जाता है तो **35 - 10 + 1 × 5 ÷ 15** का मान क्या होगा

A. 15
B. 0
C. -15
D. 1

Question ID : **2055231932**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

---

**Q.8** भारत द्वारा जीते गए 2011 क्रिकेट विश्व कप में मैन ऑफ़ द सीरीज़ (शृंखला का सर्वश्रेष्ठ खिलाड़ी) किसे चुना गया था?

A. सचिन तेंदुलकर
B. युवराज सिंह
C. राहुल द्रविड़
D. एम. एस. धोनी

Question ID : **2055231865**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

---

**Q.9**

Question ID : **2055231933**
Status : **Answered**
Chosen Option : **2**

नीचे शब्दों ने चार युग्म दिए गए हैं। उनमें से कौन सा युग्म शेष से भिन्न है।

A. पक्षी : घोसला
B. एस्किमो : इग्लू
C. मनुष्य : मंगल ग्रह
D. चूहा : छिद्र

Ans
1. A ✗
2. C ✓
3. B ✗
4. D ✗

Q.10 शृंखला में अनुपस्थित (?) का पता लगाएं:

**BCBAB EFEDE ? KLKJK**

Question ID : **2055231929**
Status : **Answered**
Chosen Option : **1**

A. HIHGH
B. HGHGI
C. HIGIH
D. HIGHI

Ans
1. A ✓
2. C ✗
3. D ✗
4. B ✗

Q.11 'हूलुक गिब्बन' ('Hoolock Gibbon') नामक जानवर कहाँ पाया जाता है?

Question ID : **2055231868**
Status : **Answered**
Chosen Option : **2**

A. केरला
B. उत्तराखंड
C. तमिलनाडु
D. अरुणाचल प्रदेश

Ans
1. C ✗
2. D ✓
3. B ✗
4. A ✗

Q.12 **नीचे कुछ कथनों के साथ निष्कर्ष दिए गए हैं।**

**कथन:**

1. सभी दीवार घड़ियाँ एनालॉग हैं।
2. सभी कलाई घड़ियाँ डिजिटल हैं।
3. सब एनालॉग डिजिटल हैं।

**निष्कर्ष:**

I. सभी दीवार घड़ियाँ डिजिटल हैं।
II. कम से कम एक कलाई घड़ी एनालॉग है।

यह पता लगाएं कि दिए गए निष्कर्षों में से कौन सा निष्कर्ष तार्किक रूप से कथनों का पालन करता है

Question ID : **2055231944**
Status : **Answered**
Chosen Option : **1**

A. केवल निष्कर्ष I निकलता है
B. केवल निष्कर्ष II निकलता है
C. दोनो निष्कर्ष I और II निकलते हैं
D. ना ही निष्कर्ष I ना ही निष्कर्ष II निकलता है

Ans
1. A ✓
2. C ✗
3. B ✗
4. D ✗

Q.13

Question ID : **2055231901**
Status : **Answered**

12, 16, 18, तथा 21 का ल. स. ज्ञात कीजिए|

Chosen Option : **3**

A. 1008
B. 144
C. 504
D. 756

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.14** एक 8 मी x 4.5 मी की दीवार की रोगन की लागत 4,500 रुपये है तो प्रति वर्ग मी की लागत ज्ञात करें।

Question ID : **2055231918**
Status : **Answered**
Chosen Option : **1**

A. 150रुपये
B. 125 रुपये
C. 175 रुपये
D. 160 रुपये

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.15** टीपू सुल्तान मस्जिद कहाँ पर स्थित है?

Question ID : **2055231875**
Status : **Answered**
Chosen Option : **1**

A. मैसूरु
B. बंगलुरू
C. कोलकाता
D. दिल्ली

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.16** गीत 'अमर सोनार बांग्ला' (Amar Sonar Bangla) के रचयिता कौन हैं?

Question ID : **2055231864**
Status : **Answered**
Chosen Option : **2**

A. रवीन्द्रनाथ टैगोर
B. बंकिमचंद्र चटर्जी
C. चित्तरंजन दास
D. बिपिन चंद्र पाल

**Ans**
✗ 1. C
✓ 2. A
✗ 3. D
✗ 4. B

**Q.17** L : M : N is 5 : 7 : 9. M = 63. N - L =?

Question ID : **2055231903**
Status : **Answered**
Chosen Option : **4**

A. 28
B. 30
C. 36
D. 42

**Ans**
✗ 1. D

✗ 2. B

✗ 3. A

✓ 4. C

**Comprehension:**

निम्न तालिका वर्ष 2012 से वर्ष 2015 तक चार टेक्सटाइल कंपनियों की वार्षिक आय (रुपये मिलियन में) दर्शाती है।

| कंपनी | 2015 | 2014 | 2013 | 2012 |
|---|---|---|---|---|
| एंजेल | 300 | 375 | 225 | 150 |
| मिडास | 350 | 325 | 275 | 200 |
| अथर्वा | 350 | 375 | 400 | 425 |
| अशोका | 300 | 400 | 400 | 150 |

तालिका पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।

**SubQuestion No : 18**

**Q.18** वर्ष 2013 और 2014 की वार्षिक आय को मिलाकर किस कंपनी की वार्षिक आय सबसे अधिक है?

A. एंजेल
B. मिडास
C. अथर्वा
D. अशोका

Question ID : **2055231953**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

**Comprehension:**

निम्न तालिका वर्ष 2012 से वर्ष 2015 तक चार टेक्सटाइल कंपनियों की वार्षिक आय (रुपये मिलियन में) दर्शाती है।

| कंपनी | 2015 | 2014 | 2013 | 2012 |
|---|---|---|---|---|
| एंजेल | 300 | 375 | 225 | 150 |
| मिडास | 350 | 325 | 275 | 200 |
| अथर्वा | 350 | 375 | 400 | 425 |
| अशोका | 300 | 400 | 400 | 150 |

तालिका पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।

**SubQuestion No : 19**

**Q.19** कौन सी कंपनी वर्ष 2012 से वर्ष 2015 के दौरान अपनी वार्षिक आय में क्रमिक कमी को दर्शाती है?

A. एंजेल
B. मिडास
C. अथर्वा
D. अशोका

Question ID : **2055231952**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

**Comprehension:**

निम्न तालिका वर्ष 2012 से वर्ष 2015 तक चार टेक्सटाइल कंपनियों की वार्षिक आय (रुपये मिलियन में) दर्शाती है।

| कंपनी | 2015 | 2014 | 2013 | 2012 |
|---|---|---|---|---|
| एंजेल | 300 | 375 | 225 | 150 |
| मिडास | 350 | 325 | 275 | 200 |
| अथर्वा | 350 | 375 | 400 | 425 |
| अशोका | 300 | 400 | 400 | 150 |

तालिका पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।

**SubQuestion No : 20**

Q.20 एंजेल और मिडास की चारो वर्ष की वार्षिक आय के योग का अंतर कितना है?

Question ID : **2055231954**
Status : **Answered**
Chosen Option : **1**

A. 50 मिलियन रूपए
B. 100 मिलियन रूपए
C. 150 मिलियन रूपए
D. कोई अंतर नहीं है

Ans
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

---

Q.21 शृंखला में अनुपस्थित (?) का पता लगाएं:
**5, 14, 41,?, 365 ...**

Question ID : **2055231930**
Status : **Answered**
Chosen Option : **2**

A. 108
B. 122
C. 174
D. 243

Ans
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

---

Q.22 **नीचे दिए गए कथनों को ध्यान से पढ़ें और प्रश्न का उत्तर दें.**
**कथन:**

Question ID : **2055231956**
Status : **Answered**
Chosen Option : **2**

1. सभी कुत्ते जानवर हैं।
2. सभी जानवर स्तनधारी हैं।
3. कोई भी स्तनधारी चिड़ियाघर में नहीं है।

ऊपर दिए गए कथनों से क्या निष्कर्ष निकलता है?

A. कुछ कुत्ते चिड़ियाघर में हैं।
B. कुछ जानवर चिड़ियाघर में हैं।
C. कुछ स्तनधारी चिड़ियाघर में हैं।
D. कोई भी कुता चिड़ियाघर में नहीं है।

Ans
✘ 1. C
✔ 2. D
✘ 3. A

✗ 4. B

**Q.23** M एक काम को 12 दिनो मे कर सकता है N उसी काम को समाप्त करने मे M से आधा समय लेता है। यदि वे दोनो मिलकर काम करें तो वह एक दिन में कितना काम करेंगे?

A. 1/3
B. 1/2
C. 1/4
D. 1/5

Question ID : **2055231905**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.24** निम्नलिखित में समानता का पता लगायें:
**बल्ब, सूर्य, लैंप, मोमबती**

A. सभी मोम के बने होते हैं
B. सभी बिजली पर काम करते हैं
C. सभी दुकानों पर उपलब्ध हैं
D. सभी रोशनी के स्त्रोत हैं

Question ID : **2055231935**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.25** यदि गणितीय ऑपरेटर '×' का मतलब R, '+' का मतलब C, '÷' का मतलब E और '-' का मतलब W हो तो **4 C 9 R 7 E 3 W 23** का मान क्या होगा

A. 4
B. 2
C. -2
D. -4

Question ID : **2055231931**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.26** यदि **FOR = 198** और **ALIENATE = 75032743** तब **NATIONAL** =?

A. 27490275
B. 27409257
C. 27409275
D. 27490257

Question ID : **2055231926**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Q.27** IRS-1A भारत का ___

A. पहला परिचालनात्मक दूरसंवेदी उपग्रह था।
B. इसरो (ISRO) द्वारा निर्मित पहला मौसम उपग्रह था।
C. पहला विशेष शैक्षणिक उपग्रह था।
D. पहला भारतीय पिको-उपग्रह (pico-satellite) था।

Question ID : **2055231890**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D

2. B

3. A

4. C

**Q.28** 40 छात्रों की आयु का औसत 30 वर्ष है, 25 छात्रों की आयु का औसत 36 वर्ष है। बाकी छात्रों की आयु का औसत ज्ञात कीजिए।

A. 20
B. 15
C. 25
D. 18

Question ID : **2055231923**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. A
2. B
3. D
4. C

**Q.29** 7 संख्याओं का योगफल 1050 है। पहली तीन संख्याओं का औसत 120 है, चौथी संख्या 126 है, तो अंतिम तीन संख्याओं का औसत ज्ञात कीजिए।

A. 200
B. 165
C. 188
D. 173

Question ID : **2055231924**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. C
2. A
3. B
4. D

**Q.30** यदि **x = y + 23** तथा **x - 2y = 15**, तो x=?

A. 27
B. 29
C. 31
D. 33

Question ID : **2055231914**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. A
2. C
3. B
4. D

**Q.31** भारत के संविधान में कौन सा अनुच्छेद हिंदी को संघ की राजभाषा का दर्जा प्रदान करता है?

A. अनुच्छेद 243
B. अनुच्छेद 343
C. अनुच्छेद 323
D. अनुच्छेद 234

Question ID : **2055231870**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. D
3. A
4. C

**Q.32** भारत की जनगणना (2011) के अनुसार, समग्र साक्षरता दर का अनुमान कुल आबादी का लगभग _____ लगाया गया था।

A. 74%
B. 86%
C. 65%
D. 51%

Question ID : **2055231857**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. C
2. B
3. A
4. D

**Q.33** सूरज की रोशनी को विद्युत ऊर्जा में परिवर्तित करने के लिए सौर ऊर्जा _____ का उपयोग करती है।

A. फोटोवोल्टिक सेल्स (photovoltaic cells)
B. पृथ्वी का गुरुत्वाकर्षण खिंचाव (gravitational pull of the earth)
C. पराबैंगनी किरण (ultraviolet rays)
D. परमाणु विखंडन (fission nuclear)

Question ID : **2055231894**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

---

**Q.34** यदि किसी कोड भाषा में **'pixie is cute'** को **486** के रूप में; **'eleanor is beautiful'** को **147** के रूप में और **'pixie is black and eleanor is white'** को **0375484** के रूप में कोडबद्ध किया जाता है तो कौनसा अंक 'eleanor' को प्रस्तुत करता है?

A. 8
B. 7
C. 4
D. 1

Question ID : **2055231925**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Q.35** एक हॉल 20 मी लम्बा तथा 12 मी चौड़ा है। हॉल को ढकने के लिए 500 cm x 300 cm के आकार की कितनी टाइलें चाहिए?

A. 1500
B. 1200
C. 1600
D. 2400

Question ID : **2055231917**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

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**Q.36** **नीचे दिए गए कथनों को ध्यान से पढ़ें और प्रश्न का उत्तर दें.**
**कथन:**

1. कुछ दरवाजे लकड़ी के बने हैं और कुछ लोहे के
2. कुछ लोहे के टुकड़े सफेद रंग के हैं और कुछ लाल रंग के
3. लकड़ी के सभी टुकड़े पीले रंग के हैं

ऊपर दिए गए कथनों से क्या निष्कर्ष निकलता है?

A. कम से कम एक दरवाजा लाल रंग का है
B. कोई भी दरवाजा पीले रंग का नहीं है
C. सभी दरवाजे लकड़ी के हैं और पीले रंग के हैं
D. कम से कम एक दरवाजा पीले रंग का है

Question ID : **2055231955**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

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**Q.37** इनमें से कौन सा एक ब्राउज़र (browser) नहीं है?

A. नेटस्केप (Netscape)
B. मोज़िला (Mozilla)
C. सफ़ारी (Safari)
D. आउटलुक (Outlook)

Question ID : **2055231888**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D

2. C
3. B
4. A

**Q.38** 10 दर्जन बैग 18,000 रूपये में खरीदे गए और 15% के लाभ पर बेच दिये गये। प्रत्येक बैग का विक्रय मूल्य ज्ञात करें?

A. 168.50 रुपए
B. 170.25 रुपए
C. 172.00 रुपए
D. 172.50 रुपए

Question ID : **2055231912**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. B
2. D
3. C
4. A

**Q.39** P, Q तथा R का औसत भार 45 किलोग्राम है, P तथा Q का औसत भार 43 किलोग्राम है। R का वजन ज्ञात कीजिए

A. 49 कि.ग्रा.
B. 45 कि.ग्रा.
C. 46 कि.ग्रा.
D. 44 कि.ग्रा.

Question ID : **2055231896**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. B
2. D
3. C
4. A

**Q.40** **x : 1/18 :: 3/5 : 5/9** में x का मान ज्ञात कीजिए

A. 4/25
B. 3/50
C. 3/25
D. 7/9

Question ID : **2055231904**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. C
3. D
4. A

**Q.41** निम्नलिखित में से कौन सी एक ग्रीनहाउस गैस नहीं है?

A. मीथेन
B. कार्बन डाइऑक्साइड
C. ऑक्सीजन
D. नाइट्रस ऑक्साइड

Question ID : **2055231869**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. D
2. C
3. B
4. A

**Q.42** Q का वेतन P के वेतन का 4/5 भाग है जो 85,000 रूपये प्रति माह है। R का वेतन Q के वेतन का 3/4 भाग है। R का प्रति माह वेतन ज्ञात कीजिए|

A. 68,000रूपये
B. 61,000 रूपये
C. 51,000 रूपये
D. 45,000 रूपये

Question ID : **2055231900**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. D
2. A

✗ 3. B

✓ 4. C

**Comprehension:**

**निम्नलिखित जानकरी पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।**

**चार विद्यार्थी -** S, P, U और G चार भाषाएँ बोलते हैं - फ्रेंच, स्पेनिश, जर्मन और अंग्रेजी तथा चार वाद्य यंत्र बजाते हैं - बांसुरी, वायलिन, गिटार और तबला, यादृच्छिक क्रम में। एक विद्यार्थी केवल एक ही भाषा बोल सकता है और एक ही वाद्य यंत्र बजा सकता है।

A. U गिटार बजाता है लेकिन ना ही जर्मन और ना ही फ्रेंच बोल सकता है
B. जो विद्यार्थी बांसुरी बजाता है वह ना ही स्पेनिश और ना ही जर्मन बोल सकता है
C. S तबला बजाता है और G इंग्लिश बोलता है
D. जो विद्यार्थी फ्रेंच बोलता है वह ना ही तबला और ना ही बांसुरी बजाता है

**SubQuestion No : 43**

Q.43 कौनसा विद्यार्थी वायलिन बजाता है

Question ID : **2055231942**
Status : **Answered**
Chosen Option : **2**

A. P
B. U
C. G
D. S

**Ans**

✗ 1. C

✓ 2. A

✗ 3. D

✗ 4. B

**Comprehension:**

**निम्नलिखित जानकरी पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।**

**चार विद्यार्थी -** S, P, U और G चार भाषाएँ बोलते हैं - फ्रेंच, स्पेनिश, जर्मन और अंग्रेजी तथा चार वाद्य यंत्र बजाते हैं - बांसुरी, वायलिन, गिटार और तबला, यादृच्छिक क्रम में। एक विद्यार्थी केवल एक ही भाषा बोल सकता है और एक ही वाद्य यंत्र बजा सकता है।

A. U गिटार बजाता है लेकिन ना ही जर्मन और ना ही फ्रेंच बोल सकता है
B. जो विद्यार्थी बांसुरी बजाता है वह ना ही स्पेनिश और ना ही जर्मन बोल सकता है
C. S तबला बजाता है और G इंग्लिश बोलता है
D. जो विद्यार्थी फ्रेंच बोलता है वह ना ही तबला और ना ही बांसुरी बजाता है

**SubQuestion No : 44**

Q.44 कौन सा संयोजन सही है?

Question ID : **2055231943**
Status : **Answered**
Chosen Option : **4**

A. P फ्रेंच बोलता है।
B. S स्पेनिश बोलता है।
C. G जर्मन बोलता है।
D. U इंग्लिश बोलता है।

**Ans**

✗ 1. B

✗ 2. C

✗ 3. D

✓ 4. A

**Comprehension:**

**निम्नलिखित जानकरी पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।**

**चार विद्यार्थी -** S, P, U और G चार भाषाएँ बोलते हैं - फ्रेंच, स्पेनिश, जर्मन और अंग्रेजी तथा चार वाद्य यंत्र बजाते हैं - बांसुरी, वायलिन, गिटार और तबला, यादृच्छिक क्रम में। एक विद्यार्थी केवल एक ही भाषा बोल सकता है और एक ही वाद्य यंत्र बजा सकता है।

A. U गिटार बजाता है लेकिन ना ही जर्मन और ना ही फ्रेंच बोल सकता है
B. जो विद्यार्थी बांसुरी बजाता है वह ना ही स्पेनिश और ना ही जर्मन बोल सकता है
C. S तबला बजाता है और G इंग्लिश बोलता है
D. जो विद्यार्थी फ्रेंच बोलता है वह ना ही तबला और ना ही बांसुरी बजाता है

**SubQuestion No : 45**

**Q.45** कौनसा विद्यार्थी जर्मन बोलता है?

A. S
B. P
C. U
D. G

Question ID : **2055231941**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

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**Q.46** अल्ट्रासोनिक तरंगों की आवृत्ति कितनी होती है?

A. 20 हर्ट्ज से 20 किलोहर्ट्ज़
B. 20 हर्ट्ज से कम
C. 20 किलोहर्ट्ज़ से ज्यादा
D. कोई भी बैंडविड्थ निर्धारित नहीं है|

Question ID : **2055231876**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

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**Q.47** एक तत्व की परमाणु संख्या किसके बराबर होती है?

A. इलेक्ट्रॉन और न्यूट्रॉन की संख्या
B. न्यूट्रॉन और प्रोटॉन की संख्या
C. न्यूट्रॉन की संख्या
D. प्रोटॉन की संख्या

Question ID : **2055231879**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

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**Q.48**

Question ID : **2055231867**
Status : **Answered**
Chosen Option : **1**

कौन सी आई पी एल (IPL) टीम निष्क्रिय या समाप्त टीम नहीं है?

A. डेक्कन चार्जर्स
B. गुजरात लायंस
C. कोच्चि टस्कर्स केरला
D. पुणे वारियर्स इंडिया

Ans
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.49** 1024 GB =?

Question ID : **2055231887**
Status : **Answered**
Chosen Option : **4**

A. 1 EB
B. 1 TB
C. 1 PB
D. 1 ZB

Ans
✘ 1. D
✘ 2. C
✘ 3. A
✔ 4. B

**Q.50** पीसी (PC) को वायरलेस नेटवर्क से कनेक्ट करने के लिए कौन सा डिवाइस आवश्यक है?

Question ID : **2055231893**
Status : **Answered**
Chosen Option : **3**

A. राउटर
B. टेलीफोन
C. लैन
D. सर्वर

Ans
✘ 1. D
✘ 2. C
✔ 3. A
✘ 4. B

**Q.51** K एक कार 4.50 लाख रूपये में खरीदता है तथा उसकी सहायक सामग्री पर 1.25 लाख रूपये खर्च करता है। वह कार को 20% की हानि पर बेच देता है। तो कार का विक्रय मूल्य ज्ञात कीजिए

Question ID : **2055231913**
Status : **Answered**
Chosen Option : **1**

A. 4.00 लाख रूपये
B. 4.20 लाख रूपये
C. 4.40 लाख रूपये
D. 4.60 लाख रूपये

Ans
✔ 1. D
✘ 2. A
✘ 3. C
✘ 4. B

**Q.52** कला-सिनेमा जगत में योगदान के लिए पद्म विभूषण पुरस्कार से 2016 में _____ को सम्मानित किया गया है।

Question ID : **2055231873**
Status : **Answered**
Chosen Option : **2**

A. रजनीकांत
B. अनुपम खेर
C. उदित नारायण झा
D. यामिनी कृष्णमूर्ती

Ans
✘ 1. C
✔ 2. A
✘ 3. B
✘ 4. D

**Q.53**

Question ID : **2055231937**

**निम्नलिखित जानकारी को पढ़ें और इसके आधार पर प्रश्नों के उत्तर दें।**

(i) 'F - D' का मतलब 'F, D के पिता हैं'
(ii) 'F + D' का मतलब 'F, D की बेटी है'
(iii) 'F ÷ D' का मतलब 'F, D का बेटा है'
(iv) 'F × D' का मतलब 'F, D की पत्नी है'

निम्नलिखित में से किसका मतलब होगा कि Z, Y के पिता हैं?

Status : **Answered**
Chosen Option : **2**

A. Y - E × Z
B. Y + E ÷ Z
C. Y + E - Z
D. Y + E × Z

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

---

**Q.54** कौन सी धातु अधिक वायु प्रदूषण का कारण बनती है?

Question ID : **2055231885**
Status : **Answered**
Chosen Option : **1**

A. लोहा
B. सीसा
C. क्रोमियम
D. तांबा

**Ans**
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

---

**Q.55** 'मधेसी' ('Madhesi') समुदाय के लोग कहाँ के निवासी हैं?

Question ID : **2055231860**
Status : **Answered**
Chosen Option : **3**

A. भूटान
B. पाकिस्तान
C. नेपाल
D. मालदीवस

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

---

**Q.56** इनमे से किस शहर में तारामंडल नहीं है?

Question ID : **2055231891**
Status : **Answered**
Chosen Option : **4**

A. चेन्नई
B. मैसूरु
C. जयपुर
D. हैदराबाद

**Ans**
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.57** एक वस्तु 20% की हानि पर 15,000 रुपये में बेची गयी। वस्तु का क्रय मूल्य ज्ञात कीजिए

A. 17,750 रुपए
B. 17,250 रुपए
C. 18,750 रुपए
D. 18,250 रुपए

Question ID : **2055231911**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

**Q.58** 10 वर्षों में एक निश्चित धनराशि, किस साधरण ब्याज दर से स्वयं का दोगुनी हो जाएगी?

A. 7%
B. 8%
C. 9%
D. 10%

Question ID : **2055231909**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

**Q.59** दो अंकों की संख्या तथा अंकों के स्थान आपस में बदलने पर बनी नयी संख्या का अन्तर 45 है। दोनों अंकों के बीच का अन्तर ज्ञात कीजिए

A. 4
B. 5
C. 6
D. 7

Question ID : **2055231899**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Q.60** दादरा एवं नगर हवेली की राजधानी कहां है?

A. दमन
B. कवरत्ती
C. सिलवासा
D. पोर्ट ब्लेयर

Question ID : **2055231858**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.61** **8, 5, 6, 3, 7, 4, 3, 9** का औसत ज्ञात कीजिए।

A. 5.63
B. 5.64
C. 5.65
D. 5.66

Question ID : **2055231922**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.62** भारतीय मूल के उस व्यक्ति का नाम बताइएं जिसने 2015 में महारानी एलिजाबेथ द्वितीय से नाइटहुड का सम्मान प्राप्त किया था।

A. शेखर कपूर
B. हरपाल सिंह कुमार
C. देविंदर सिंह
D. सुंदर पिचाई

Question ID : **2055231872**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.63** P, Q तथा R मिलकर एक कार्य को 4 दिनों में कर सकते है। P तथा Q अकेले उसी कार्य को क्रमश: 8 तथा 12 दिनों मे कर सकते हैं। बताएं R अकेला उसी कार्य को कितने दिनों में कर सकता है?

A. 18 दिन
B. 20 दिन
C. 22 दिन
D. 24 दिन

Question ID : **2055231906**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

**Q.64** एक समांतर चतुर्भुज की ऊंचाई 7 सेमी तथा क्षेत्रफल 161 वर्ग सेमी है। इसके आधार की लम्बाई ज्ञात कीजिए

A. 25 सेमी
B. 23 सेमी
C. 21 सेमी
D. 19 सेमी

Question ID : **2055231919**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.65** निम्नलिखित में से कौन सा एक महत्वपूर्ण शहर नील नदी के तट पर स्थित है?

A. बुडापेस्ट (Budapest)
B. सिकंदरिया (Alexandria)
C. बगदाद (Baghdad)
D. लंदन (London)

Question ID : **2055231874**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

**Q.66** $12^3 \times 6^4 \div 2^4 \times 3^3 \times 72$ की गणना कीजिए

A. 72
B. 144
C. 216
D. 576

Question ID : **2055231898**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.67**

Question ID : **2055231880**
Status : **Answered**
Chosen Option : **3**

एपिडेमियोलॉजी (Epidemiology) क्या है?

A. बड़ी आबादी में रोग की घटना एवं उसके प्रसार का अध्ययन।
B. बड़ी आबादी में कुपोषण का अध्ययन।
C. बड़ी आबादी के लिए स्वास्थ्य देखभाल के प्रावधानों का अध्ययन।
D. हैजा रोग के निदान एवं लक्षण का अध्ययन।

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.68** यदि **HAND** को **KXQA** लिखा जाता है तो **COMPUTER** को क्या लिखा जाएगा।

Question ID : **2055231928**
Status : **Answered**
Chosen Option : **4**

A. FRPSXWHU
B. FLPMXQHO
C. FLJMRQBO
D. FRMPXTHU

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.69** निम्नलिखित में से कौन सी घाटी कोयला भंडार की बड़ी मात्रा के लिए जानी जाती है?

Question ID : **2055231859**
Status : **Answered**
Chosen Option : **3**

A. गोदावरी घाटी
B. दामोदर घाटी
C. महानदी घाटी
D. सिंधु घाटी

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.70** इलाहाबाद में 'त्रिवेणी संगम' ('Triveni Sangam') किसका संगम माना जाता है?

Question ID : **2055231862**
Status : **Answered**
Chosen Option : **2**

A. दो नदियों का
B. तीन नदियों का
C. चार नदियों का
D. पांच नदियों का

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.71** चिंटू मंटू के पिता के इकलौते भाई का बेटा है और पिंटू जो है चिंटू के पिता के इकलौते भाई का बेटा है। पिंटू और मंटू में क्या संबंध है?

Question ID : **2055231938**
Status : **Answered**
Chosen Option : **3**

A. चाचा
B. भाई
C. मामा
D. भतीजा

**Ans**
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

**Q.72**

Question ID : **2055231861**
Status : **Answered**

मुगल शासकों के बीच प्रचलित भाषा कौन सी थी?

Chosen Option : **1**

A. उर्दू
B. हिंदी
C. अरबी
D. फ़ारसी

**Ans**
✔ 1. D
✘ 2. A
✘ 3. C
✘ 4. B

---

**Q.73** सेरीकल्चर (Sericulture) किससे संबंधित है?

Question ID : **2055231882**
Status : **Answered**
Chosen Option : **3**

A. मधुमक्खी पालन
B. पौधों का विकास
C. रेशम के कीड़ों का पालन
D. मत्स्य पालन

**Ans**
✘ 1. D
✘ 2. A
✔ 3. C
✘ 4. B

---

**Q.74** यदि **Voltmeter : Voltage**, तो **Ammeter : _____**

Question ID : **2055231936**
Status : **Answered**
Chosen Option : **2**

A. Power
B. Current
C. Energy
D. Pressure

**Ans**
✘ 1. C
✔ 2. B
✘ 3. D
✘ 4. A

---

**Q.75** भारत में राष्ट्रीय खेल दिवस कब मनाया जाता है?

Question ID : **2055231866**
Status : **Answered**
Chosen Option : **1**

A. 27 अगस्त
B. 28 अगस्त
C. 29 अगस्त
D. 30 अगस्त

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

---

**Q.76**

Question ID : **2055231878**
Status : **Answered**
Chosen Option : **1**

सामान्य स्वास्थ्य के लिए रक्त में pH की सीमा कितनी होनी चाहिए?

A. 6.35 से 6.45
B. 5.35 से 5.45
C. 7.35 से 7.45
D. 8.35 से 8.45

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

---

**Q.77** उस केंद्र शासित प्रदेश का नाम बताइएं जो केंद्र सरकार द्वारा घोषित प्रस्तावित स्मार्ट शहरों की 1ली सूची में शामिल हैं।

A. पुडुचेरी
B. सिलवासा
C. नई दिल्ली
D. चंडीगढ़

Question ID : **2055231871**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

---

**Q.78** छाती के आसपास की हड्डियों को क्या कहा जाता है?

A. फ्रंटल (Frontal)
B. जांघ की हड्डी (Tarsal)
C. रिब्स (Ribs)
D. टखने की हड्डियां (Tarsal)

Question ID : **2055231886**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

---

**Q.79** हाल ही में कौन सी खोज विज्ञान के क्षेत्र में एक बड़ी सफलता के रूप में मानी जाती है?

A. प्रोटीन, रेजिसटिन और कोलेस्ट्रॉल के स्तर के बीच लिंक।
B. गुरुत्वाकर्षण तरंगों का पता लगाना।
C. केरल में चार नई मछली की प्रजातियां।
D. भारत के पश्चिमी तट की दो लाभदायक काई (algal) प्रजातियां।

Question ID : **2055231883**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

---

**Q.80** एक सार्थक शब्द बनाने के लिए अव्यवस्थित शब्दों को पुनः व्यवस्थित करें और फिर पता लगायें कि उनमें से कौन सा शब्द शेष से भिन्न है।

A. GITER
B. TEACHHE
C. THPERAN
D. REDE

Question ID : **2055231946**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

---

**Q.81**

Question ID : **2055231921**
Status : **Answered**

(tanθ x cosecθ) / (cotθ x secθ) का मान ज्ञात कीजिए।

Chosen Option : **3**

A. sinθ
B. cosθ
C. tanθ
D. cotθ

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

---

**Q.82** $[\sin(45^\circ) + \cos(45^\circ)]^2$ का मान ज्ञात कीजिए।

Question ID : **2055231920**
Status : **Answered**
Chosen Option : **4**

A. 1/2
B. $1/\sqrt{2}$
C. 3/2
D. 2

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

---

**Q.83** 70,000 रुपये पर 5% वार्षिक दर से 2 वर्षों के लिए चक्रवर्ती ब्याज ज्ञात करें?

Question ID : **2055231910**
Status : **Answered**
Chosen Option : **2**

A. 7,175 रुपए
B. 7,185 रुपए
C. 7,165 रुपए
D. 7,155 रुपए

**Ans**
✗ 1. B
✓ 2. A
✗ 3. D
✗ 4. C

---

**Q.84** **कुछ निष्कर्षों के साथ नीचे एक कथन दिया गया है**

**कथन:**

एक प्रमुख राजनीतिज्ञ ने महिलाओं से आग्रह किया कि वे अपने अधिकार पाने के लिए दूसरों की प्रतीक्षा न करें अपितु इसकी बजाए अपने मस्तिष्क को सशक्त बनाएं।

**निष्कर्ष:**

I. महिलाओं को अपना मस्तिष्क लगाना होगा, क्योंकि उनका सशक्तिकरण पूर्णतया राज्य द्वारा नहीं हो सकता है।
II. महिलाओं को सशक्तिकरण के लिए कानूनों की प्रतीक्षा करनी चाहिए।

पता लगाएं कि दिए गए निष्कर्षों में से कौनसा निष्कर्ष तार्किक रूप से कथनों का पालन करता है।

Question ID : **2055231945**
Status : **Answered**
Chosen Option : **4**

A. केवल निष्कर्ष I निकलता है।
B. केवल निष्कर्ष II निकलता है।
C. दोनों निष्कर्ष I और II निकलते हैं।
D. ना ही निष्कर्ष I ना ही निष्कर्ष II निकलता है।

**Ans**
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

---

**Q.85**

Question ID : **2055231889**
Status : **Answered**
Chosen Option : **2**

PDF का पूरा नाम क्या है?

A. प्रोटोकॉल डॉक्युमेंट फॉर्म (Protocol Document Form)
B. प्रिंटेबल डॉक्युमेंट फ़ॉर्मेट (Printable Document Format)
C. पोर्टेबल डॉक्युमेंट फ़ॉर्मेट (Portable Document Format)
D. पेज-वाइज़ डॉक्युमेंट फ़ॉर्मेट (Page-wise Document Format)

**Ans** ✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.86** चंद्रयान-1 - चंद्रमा पर खोजबीन के लिए जाने वाला भारत का पहला यान - को कब लांच किया गया था?

A. 2007
B. 2008
C. 2009
D. 2010

Question ID : **2055231892**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.87** एक एथलिट 5 मिनट मे 800 मीटर दौड़ता है, उसकी चाल ज्ञात करें।

A. 8.2 किमी/घंटा
B. 9.4 किमी/घंटा
C. 9.6 किमी/घंटा
D. 8.8 किमी/घंटा

Question ID : **2055231907**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.88** एक घड़ी में प्रात: 7.30 से दोपहर तक सेकेंड की सुई कितनी बार चक्कर लगायेगी।

A. 240
B. 300
C. 270
D. 330

Question ID : **2055231895**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Comprehension:**

**निम्नलिखित जानकरी पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।**

55 बच्चों के एक बैच में, 10 बच्चे केवल वनिला पसंद करते हैं, 10 बच्चे स्ट्रॉबेरी पसंद करते हैं, 10 बच्चे दोनों चॉकलेट और वनिला, 15 बच्चे केवल चॉकलेट, 5 दोनों स्ट्रॉबेरी और बटरस्कॉच और 5 दोनों चॉकलेट और बटरस्कॉच पसंद करते हैं।

**SubQuestion No : 89**

**Q.89** बटरस्कॉच पसंद करने वाले बच्चों और वनिला पसंद करने वाले बच्चों का अनुपात क्या है

A. 1:1
B. 1:2
C. 2:1
D. 2:5

Question ID : **2055231950**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** ✗ 1. C

✔ 2. B

✘ 3. D

✘ 4. A

**Comprehension:**

**निम्नलिखित जानकरी पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।**

55 बच्चों के एक बैच में, 10 बच्चे केवल वनिला पसंद करते हैं, 10 बच्चे स्ट्रॉबेरी पसंद करते हैं, 10 बच्चे दोनों चॉकलेट और वनिला, 15 बच्चे केवल चॉकलेट, 5 दोनों स्ट्रॉबेरी और बटरस्कॉच और 5 दोनों चॉकलेट और बटरस्कॉच पसंद करते हैं।

**SubQuestion No : 90**

**Q.90** कितने बच्चे केवल एक ही फ्लेवर को पसंद करते हैं?

A. 30
B. 35
C. 20
D. 15

Question ID : **2055231949**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** ✘ 1. C

✔ 2. B

✘ 3. A

✘ 4. D

**Comprehension:**

**निम्नलिखित जानकरी पर गौर करें और इसके आधार पर प्रश्नों के उत्तर दें।**

55 बच्चों के एक बैच में, 10 बच्चे केवल वनिला पसंद करते हैं, 10 बच्चे स्ट्रॉबेरी पसंद करते हैं, 10 बच्चे दोनों चॉकलेट और वनिला, 15 बच्चे केवल चॉकलेट, 5 दोनों स्ट्रॉबेरी और बटरस्कॉच और 5 दोनों चॉकलेट और बटरस्कॉच पसंद करते हैं।

**SubQuestion No : 91**

**Q.91** चॉकलेट पसंद करने वाले बच्चों और स्ट्रॉबेरी पसंद करने वाले बच्चों की संख्या में कितना अंतर है

A. 30
B. 15
C. 10
D. 25

Question ID : **2055231948**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** ✘ 1. A

✘ 2. C

✔ 3. B

✘ 4. D

**Q.92** यदि दो संख्याओ का योग 26 तथा उनका अन्तर 12 है, तो उनके वर्गों का अन्तर ज्ञात कीजिए

A. 296
B. 312
C. 324
D. 336

Question ID : **2055231915**
Status : **Answered**
Chosen Option : **2**

**Ans** ✘ 1. C

✔ 2. B

✘ 3. D

✘ 4. A

**Q.93** एक औरत ने कहा, "वह कोमल की पोती है जो मेरे बेटे को इकलौती मौसी है।" कोमल का उस औरत से क्या संबंध है?

A. बेटी
B. माँ
C. बहन
D. दादी

Question ID : **2055231939**
Status : **Answered**
Chosen Option : **3**

**Ans** ✘ 1. B

✘ 2. A

✔ 3. C

✘ 4. D

**Q.94** P तथा Q की चाल का अनुपात 3:4 है। यदि Q 4 घंटे में 320 किमी तय करता है तो P की चाल क्या होगी?

A. 80 किमी/घंटा
B. 60 किमी/घंटा
C. 40 किमी/घंटा
D. 50 किमी/घंटा

Question ID : **2055231908**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.95** भारत कब एक संप्रभु गणराज्य बना था?

A. 26 अगस्त 1950
B. 26 अगस्त 1947
C. 26 जनवरी 1950
D. 26 जनवरी 1948

Question ID : **2055231863**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. B
✘ 2. D
✔ 3. C
✘ 4. A

**Q.96** भारतीय ध्वज संहिता, 2002 है-

A. कार्यकारी निर्देशों का एक संकलन है
B. प्रकृति में सांविधिक है
C. आम जनता के लिए नहीं है
D. भारत के राष्ट्रपति और राज्यपालों के उपयोग के लिए है।

Question ID : **2055231856**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

**Q.97** यदि **'he needs help'** को **'pe av se'**, **'someone must help'** को **'vo pe em'** और **'he is someone'** को **'av fi em'** लिखा जाता है तो **'someone needs help'** को लिखा जाएगा।

A. pe em vo
B. av se pe
C. pe em se
D. vo av se

Question ID : **2055231927**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. A
✔ 2. C
✘ 3. D
✘ 4. B

**Q.98** निम्नलिखित में से **'Physical : Mental'** के समान युग्म का पता लगाएं।

A. Students : Classroom
B. Common : Routine
C. Dispute : Complaint
D. Mundane : Exciting

Question ID : **2055231934**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✘ 2. B

✗ 3. C

✓ 4. D

**Q.99** पिचब्लेंडे (Pitchblende) किससे संबंधित है?

Question ID : **2055231884**
Status : **Answered**
Chosen Option : **3**

A. रेडियम
B. यूरेनियम
C. थोरियम
D. प्लूटोनियम

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.100** एक व्यक्ति के पास 550 रूपये के रूप में दस रूपये के 17 तथा कुछ बीस रूपये के नोट हैं। बीस रूपये के नोटों की कुल संख्या ज्ञात करें।

Question ID : **2055231897**
Status : **Answered**
Chosen Option : **4**

A. 20
B. 19
C. 29
D. 18

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 5th April 2016 Shift 3

| | |
|---|---|
| Roll No: | 13318017240637 |
| Participants Name: | KULDEEP KUMAR |
| Test Center Name: | iON Digital Zone iDZ, Dohna |
| Test Date: | 05/04/2016 |
| Test Time: | 4:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** कौन सी बीमारी दिल से संबंधित नहीं है?

Question ID : **9888371268**
Status : **Answered**
Chosen Option : **4**

A. एन्यूरिज्म (Aneurysm)
B. कार्डियोमायोपैथी (Cardiomyopathy)
C. डिप्थीरिया (Diphtheria)
D. मायोकार्डियल रप्चर (Myocardial rupture)

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.2** एक वस्तु 35% की छूट पर 26,000 रूपये में बेची गई। यदि छूट 15% हो तो वस्तु का विक्रय मूल्य ज्ञात कीजिए|

Question ID : **9888371293**
Status : **Answered**
Chosen Option : **2**

A. 36,000 रूपये
B. 40,000 रूपये
C. 38,000 रूपये
D. 34,000 रूपये

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.3** एक व्यापारी बासमती चावल का 40 किलो का बैग 125 रूपये में तथा दूसरा 60 किलो का बैग 150 रूपये में खरीदता है। वह पूरे स्टॉक को 20% के लाभ पर बेचता है। उसका प्रति किलो विक्रय मूल्य ज्ञात कीजिए|

Question ID : **9888371294**
Status : **Answered**
Chosen Option : **1**

A. 152 रूपये
B. 158 रूपये
C. 168 रूपये
D. 172 रूपये

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.4** भारत _____ में ब्रिटिश साम्राज्य के प्रत्यक्ष शासन के अधीन आ गया था।

Question ID : **9888371245**
Status : **Answered**
Chosen Option : **3**

A. 1857
B. 1858
C. 1859
D. 1856

Ans ✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

**Q.5** उस चीनी राष्ट्रपति का नाम क्या है जिसने 2015 में भारत का दौरा किया था?

A. झी जिनपिंग (Xi Jinping)
B. हू जिंताओ (Hu Jintao)
C. जियांग जेमिन (Jiang Zemin)
D. ली जियान निंग (Li Xian Ning)

Question ID : **9888371255**
Status : **Answered**
Chosen Option : **1**

**Ans** 1. A
2. C
3. B
4. D

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.6** दो संख्याओं का HCF 6 तथा LCM 108 हैं, यदि एक संख्या 12 है तो दूसरी संख्या ज्ञात कीजिए|

A. 27
B. 54
C. 48
D. 36

Question ID : **9888371284**
Status : **Answered**
Chosen Option : **2**

**Ans** ✘ 1. D
✔ 2. B
✘ 3. A
✘ 4. C

**Q.7** आई सी टी (ICT) किसका संक्षिप्त नाम है:

A. इंटरनेशनल कम्युनिकेशन टेक्नोलॉजी (International Communication Technology)
B. इंटेलीजेंट कम्युनिकेशन टेक्नोलॉजी (Intelligent Communication Technology)
C. इंटर-स्टेट कम्युनिकेशन टेक्नोलॉजी (Inter-state Communication Technology)
D. इंफॉर्मेशन एंड कम्युनिकेशन टेक्नोलॉजी (Information and Communication Technology)

Question ID : **9888371239**
Status : **Answered**
Chosen Option : **2**

**Ans** ✘ 1. B
✘ 2. A
✔ 3. D
✘ 4. C

**Q.8** 3.6, 6.9 तथा 11.4 का चतुर्थानुपात (fourth proportional) ज्ञात कीजिए|

A. 20.3
B. 18.9
C. 19.6
D. 21.9

Question ID : **9888371285**
Status : **Answered**
Chosen Option : **3**

**Ans** ✘ 1. B
✘ 2. C
✔ 3. D
✘ 4. A

**Q.9** किस देश ने 2016 का अंडर-19 क्रिकेट विश्व कप जीता है?

A. भारत
B. श्री लंका
C. वेस्ट इंडीज
D. बांग्लादेश

Question ID : **9888371249**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** ✘ 1. A

✗ 2. D

✗ 3. B

✓ 4. C

**Q.10** (27 # 15 # 2) # 10 # 4. से संतुलित समीकरण प्राप्त करने हेतु # चिन्ह को गणितीय चिन्हों '+', '÷' और '-' से बदलने के लिए निम्नलिखित विकल्पों में से सही विकल्प चुनें।

A. + ÷ = -
B. - + = ÷
C. + - ÷ =
D. + = ÷ -

Question ID : **9888371311**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D

✗ 2. A

✓ 3. C

✗ 4. B

**Q.11** निम्नलखित में से कौन सा एक क्षारीय (अल्केलाइन) नहीं है?

A. सोडियम
B. पोटैशियम
C. लिथियम
D. सल्फर

Question ID : **9888371261**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B

✗ 2. A

✓ 3. D

✗ 4. C

**Q.12** विश्व कप क्रिकेट में लगातार 4 शतक लगाने वाला पहला क्रिकेटर कौन था?

A. कुमार संगकारा
B. ए. बी. डी. विलियर्स
C. रॉस टेलर
D. सईद अनवर

Question ID : **9888371248**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C

✗ 2. B

✓ 3. A

✗ 4. D

**Q.13** यदि **a + 2b = 55** और **a - 2b = -13** है तो **b** का मान ज्ञात कीजिए |

A. 21
B. 14
C. 17
D. 19

Question ID : **9888371296**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

**Q.14** बांग्लादेश की थलीय सीमा किसके साथ है?

A. केवल भारत
B. भारत और म्यांमार
C. भारत और भूटान
D. भारत और चीन

Question ID : **9888371242**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. D
3. A
4. C

Q.15 एनजीटी (NGT) का पूरा नाम क्या है

A. नेशनल जियोग्राफिक टीवी (National Geographic Television)

B. नेशनल ग्रीन ट्रांसपोर्ट (National Green Transport)

C. नेशनल ग्रीन ट्रस्ट (National Green Trust)

D. नेशनल ग्रीन ट्रिब्यूनल (National Green Tribunal)

Question ID : **9888371250**
Status : **Answered**
Chosen Option : **3**

Ans
1. A
2. B
3. C
4. D

Q.16 **1, 9, 7, 3, 5, 5, 6, 4, 2, 8** का औसत ज्ञात कीजिए|

A. 3
B. 4
C. 5
D. 6

Question ID : **9888371304**
Status : **Answered**
Chosen Option : **1**

Ans
1. C
2. B
3. A
4. D

Q.17 **99 x 99 =?**

A. 9791
B. 9801
C. 9881
D. 9901

Question ID : **9888371282**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. D
3. C
4. A

Q.18 किस भारत-पाक युद्ध के बाद ताशकंद घोषणा हुई थी?

A. 1947
B. 1965
C. 1971
D. 1999

Question ID : **9888371243**
Status : **Answered**
Chosen Option : **4**

Ans
1. D
2. A
3. B

✗ 4. C

**Q.19** एक व्यक्ति 10 मिनट में 1 कि.मी. चलता है, तो उसकी गति कि.मी./घंटा में ज्ञात कीजिए|

A. 1.33 कि.मी./घंटा
B. 1.25 कि.मी./घंटा
C. 1.67 कि.मी./घंटा
D. 1.50 कि.मी./घंटा

Question ID : **9888371289**
Status : **Answered**
Chosen Option : **4**

**Ans** 1. A
2. D
3. B
4. C

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.20** **82, 70, 76, 64, 70, 58, ?**

A. 52
B. 76
C. 64
D. 48

Question ID : **9888371313**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Q.21** पृथ्वी के थलीय क्षेत्र में भारत का हिस्सा _____ है।(अनुमानित)

A. 2.8%
B. 2.4%
C. 2.0%
D. 3.2%

Question ID : **9888371241**
Status : **Answered**
Chosen Option : **3**

**Ans** ✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.22** Verification of log-in name and password is for

A. Authenticating the user.
B. Re-confirming the user.
C. Providing formal access to the user.
D. Completing the formality of login-in.

Question ID : **9888371271**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

**Q.23**

Question ID : **9888371302**
Status : **Answered**
Chosen Option : **2**

यदि $\cot 52^\circ = b$ है, तो $\tan 38^\circ = ?$

A. √b
B. √b/2
C. -b
D. b

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

---

**Q.24** बीना, मोहन की पुत्री है जो मीना का एकमात्र दामाद है। मीना की केवल एक संतान है। किरन, मीना की नातिन है। किरन, बीना से किस प्रकार संबंधित है?

A. बहन
B. पुत्री
C. मामी
D. माता

Question ID : **9888371320**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

---

**Q.25** सार्थक शब्द बनाने के लिए अव्यवस्थित अक्षरों को पुनर्व्यवस्थित करें और असंगत को चुनें।

A. DOGL
B. TSEVO
C. ENZROB
D. LVREIS

Question ID : **9888371328**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

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**Q.26** कथन और उनके कुछ निष्कर्ष नीचे दिए गए हैं।
**कथन** :अपने प्रदर्शन के आधार पर राजेश को उसके कार्यालय में खराब मूल्यांकन मिला।
**निष्कर्ष**:
I. राजेश ने बढ़िया प्रदर्शन नहीं किया।
II. राजेश का मूल्यांकन ठीक से नहीं किया गया।
निर्णय कीजिए कि कौन सा (से) निष्कर्ष दिए गए कथन का तार्किक रूप से अनुसरण करता (करते) है (हैं)।

A. केवल निष्कर्ष I अनुसरण करता है।
B. केवल निष्कर्ष II अनुसरण करता है।
C. I और II दोनों अनुसरण करते हैं।
D. ना तो I ना ही II अनुसरण करता है।

Question ID : **9888371326**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

---

**Q.27** त्रिभुज से सम्बंधित विषम कथन ज्ञात कीजिए|

A. सबसे लंबी भुजा सबसे बड़े कोण के विपरित होती है |
B. त्रिभुज का बाह्य कोण=सम्मुख आन्तरिक कोणों का योग |
C. कोई दो भुजाओं का योग तीसरी भुजा से अधिक होता है |
D. एक भुजा का वर्ग = अन्य दो भुजाओं के वर्ग का योग |

Question ID : **9888371301**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. D

✗ 3. B

✗ 4. C

**Q.28** यदि गणितीय **चिन्ह** '÷' का अर्थ '×', '+' का अर्थ '-', '×' का अर्थ '+' और '-' का अर्थ '÷' हो तो **25 + 18 - 3 × 7 ÷ 3 =?**

A. 25
B. 21
C. 19
D. 40

Question ID : **9888371312**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Q.29** जलवायु परिवर्तन पर ऐतिहासिक कॉन्फ़्रेंस ऑफ़ पार्टीज (COP 21) 2015 कहाँ आयोजित की गई थी?

A. जिनेवा (Geneva)
B. दावोस (Davos)
C. पेरिस (Paris)
D. बॉन (Bonn)

Question ID : **9888371251**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.30** **दिए गए कथनों को ध्यानपूर्वक पढ़ें और प्रश्नों के उत्तर दें।**
ज्ञान और समझ एक दूसरे के पूरक हैं। जितना गहरा ज्ञान, उतनी ज्यादा समझ। ज्ञान, जागरूकता है। समझ, जटिलताओं से निपटने के लिए आवश्यक है।
निम्नलिखित में से कौन सा दिए गए कथन के अनुसार सत्य है?

A. ज्ञान और समझ पर्याय हैं।
B. ज्ञान और समझ एक दूसरे से बिल्कुल अलग हैं।
C. ज्ञान और समझ एक दूसरे के लिए समपूरक हैं।
D. समझ, ज्ञान की जगह ले सकती है।

Question ID : **9888371339**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.31** एक वयस्क मानव का पूरा पाचन तंत्र यानि मुँह से गुदा तक ___ मीटर लंबा होता है।

A. 8
B. 7
C. 10
D. 9

Question ID : **9888371262**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

**Comprehension:**

**निम्नलिखित जानकारी पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

75 विद्यार्थियों के समूह में, 12 विद्यार्थियों को केवल बंदगोभी, 15 विद्यार्थियों को केवल फूलगोभी, 21 विद्यार्थियों को केवल गाजर, 12 विद्यार्थियों को गाजर तथा बंदगोभी दोनों, 13 विद्यार्थियों को केवल शिमला मिर्च और 2 विद्यार्थियों को शिमला मिर्च तथा फूलगोभी दोनों पसंद हैं।

**SubQuestion No : 32**

**Q.32**

Question ID : **9888371331**
Status : **Answered**
Chosen Option : **1**

बंदगोभी पसंद ना करने वाले विद्यार्थियों का प्रतिशत क्या है?

A. 16
B. 32
C. 24
D. 68

Ans ✔ 1. D
✗ 2. B
✗ 3. C
✗ 4. A

**Comprehension:**

**निम्नलिखित जानकारी पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

75 विद्यार्थियों के समूह में, 12 विद्यार्थियों को केवल बंदगोभी, 15 विद्यार्थियों को केवल फूलगोभी, 21 विद्यार्थियों को केवल गाजर, 12 विद्यार्थियों को गाजर तथा बंदगोभी दोनों, 13 विद्यार्थियों को केवल शिमला मिर्च और 2 विद्यार्थियों को शिमला मिर्च तथा फूलगोभी दोनों पसंद हैं।

**SubQuestion No : 33**

Q.33 कितने विद्यार्थी केवल कोई एक सब्जी पसंद करते हैं?

Question ID : **9888371330**
Status : **Answered**
Chosen Option : **2**

A. 60
B. 61
C. 65
D. 71

Ans ✗ 1. D
✔ 2. B
✗ 3. C
✗ 4. A

**Comprehension:**

**निम्नलिखित जानकारी पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

75 विद्यार्थियों के समूह में, 12 विद्यार्थियों को केवल बंदगोभी, 15 विद्यार्थियों को केवल फूलगोभी, 21 विद्यार्थियों को केवल गाजर, 12 विद्यार्थियों को गाजर तथा बंदगोभी दोनों, 13 विद्यार्थियों को केवल शिमला मिर्च और 2 विद्यार्थियों को शिमला मिर्च तथा फूलगोभी दोनों पसंद हैं।

**SubQuestion No : 34**

Q.34 गाजर पसंद करने वाले और फूलगोभी पसंद करने वाले विद्यार्थियों का अंतर है:

Question ID : **9888371332**
Status : **Answered**
Chosen Option : **4**

A. 6
B. 18
C. 16
D. 4

Ans ✗ 1. D
✗ 2. B
✗ 3. A
✔ 4. C

Q.35 E तथा F मिलकर एक कार्य को 10 दिनों में कर सकते है। यदि E अकेला उसी कार्य को 30 दिनों में कर सकता है, तो बताएं कि F अकेला उसी कार्य को कितने दिनों में कर सकता है?

Question ID : **9888371288**
Status : **Answered**
Chosen Option : **4**

A. 15
B. 20
C. 25
D. 18

Ans ✗ 1. B

✗ 2. C

✗ 3. D

✓ 4. A

**Q.36** दो संख्याओ का गुणनफल 24 तथा उनके वर्गों का योगफल 52 है, तो उनका योगफल ज्ञात कीजिए|

A. 5
B. 10
C. 15
D. 20

Question ID : **9888371297**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C

✗ 2. D

✗ 3. A

✓ 4. B

**Q.37** चलती लिफ्ट में व्यक्ति के वजन पर क्या असर होगा?

A. बढ़ जायेगा
B. घट जायेगा
C. भार नहीं बदलेगा
D. बढ़ या घट सकता है|

Question ID : **9888371258**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. C

✗ 2. A

✗ 3. B

✗ 4. D

**Q.38** **9876 - ? + 5431 = 5553**

A. 9754
B. 9765
C. 8754
D. 9854

Question ID : **9888371280**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C

✗ 2. D

✗ 3. B

✓ 4. A

**Q.39** एक वस्तु 10% की छूट पर 3,600 रूपये में बेची गयी। यदि छूट 15% हो तो वस्तु का विक्रय मूल्य ज्ञात कीजिए|

A. 3,600 रूपये
B. 4,000 रूपये
C. 3,800 रूपये
D. 3,400 रूपये

Question ID : **9888371295**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C

✗ 2. B

✓ 3. D

✗ 4. A

**Q.40**

Question ID : **9888371256**
Status : **Answered**
Chosen Option : **4**

'खजुराहो' के स्मारक कहाँ पाए जाते हैं?

A. महाराष्ट्र
B. बिहार
C. मध्य प्रदेश
D. गुजरात

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

---

**Q.41** 12 किलो चीनी का मूल्य 6 किलो चावल के मूल्य के बराबर है। 10 किलो चीनी तथा 8 किलो चावल का मूल्य 1040 रूपये है। 1 किलो चीनी का मूल्य ज्ञात कीजिए|

A. 80 रूपये
B. 70 रूपये
C. 60 रूपये
D. 40 रूपये

Question ID : **9888371298**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

---

**Q.42** 1265 में से क्या घटाया जाए कि प्राप्त संख्या 29 से पूर्णत: विभाजित हो जाए?

A. 15
B. 16
C. 18
D. 17

Question ID : **9888371281**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

---

**Q.43** यदि 'health care is wealth' को **1372**, 'health needs care' को **417**, 'he needs wealth' को **463** लिखा जाता है तो 'he is wealth' को _____ लिखा जाएगा।

A. 326
B. 764
C. 624
D. 246

Question ID : **9888371307**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

---

**Q.44** भारत द्वारा नवम्बर 2015 में लांच किया गया संचार उपग्रह कौन सा है?

A. GSAT-6
B. GSAT-15
C. GSAT-16
D. IRNSS-1E

Question ID : **9888371272**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

---

**Q.45**

Question ID : **9888371246**

स्वराज पार्टी के संस्थापक कौन थे?

A. सी. राजगोपालाचारी
B. मोतीलाल नेहरू
C. लाला लाजपत राय
D. महात्मा गांधी

Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.46** 25 मदों का औसत 40 है परन्तु एक मद 50 के स्थान पर 25 लिखा गया था। वास्तविक माध्य (mean) ज्ञात कीजिए|

A. 39
B. 41
C. 40
D. 42

Question ID : **9888371306**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

**Q.47** द्वितीय विश्व युद्ध में दुश्मन की पनडुब्बियों को ट्रैक करने के लिए विकसित प्रौद्योगिकी कौन सी थी?

A. रडार (RADAR)
B. सोनार (SONAR)
C. इकोलोकेशन (Echolocation)
D. लीडार (LIDAR)

Question ID : **9888371276**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.48** नागालैंड की राजधानी कौन सी है?

A. दीमापुर
B. कोहिमा
C. मोकोकचुंग
D. तेजपुर

Question ID : **9888371238**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.49** 'यूरो' ('Euro') किसकी मुद्रा है?

A. यू के (UK)
B. स्वीडन (Sweden)
C. यूरोपीय जोन (Euro Zone)
D. डेनमार्क (Denmark)

Question ID : **9888371237**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. D

✗ 3. A

✗ 4. B

**Q.50** आमतौर पर, वर्णांधता (कलर ब्लाइंडनेस) क्या है?

A. एक आनुवंशिक प्रकृति

B. एक गैर-आनुवंशिक स्थिति

C. जीवन शैलीगत बीमारी

D. प्रकाश में अनावरण के कारण

Question ID : **9888371267**
Status : **Answered**
Chosen Option : **3**

**Ans** ✓ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

**Q.51** भारत सरकार (2012-17) की ____ पंचवर्षीय योजना का ड्राफ्ट तैयार किया जा रहा है।

A. 10वीं

B. 11वीं

C. 12वीं

D. 13वीं

Question ID : **9888371253**
Status : **Answered**
Chosen Option : **3**

**Ans** 1. B

2. C

3. D

4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.52** $2\cos(\theta-\pi/2) + 3\sin(\theta+\pi/2) - (3\sin\theta + 2\cos\theta)$ =?

A. $\cos\theta - \sin\theta$

B. $\sin\theta - \cos\theta$

C. $\sin\theta + \cos\theta$

D. $\cot\theta - \tan\theta$

Question ID : **9888371303**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. C

✓ 2. A

✗ 3. B

✗ 4. D

**Q.53** निम्नलिखित में से **'तीर : धनुष'** के समान युग्म ज्ञात करें।

A. फुटबॉल : हाथ

B. सलाद : चाकू

C. गोली : बंदूक

D. धुआं : पानी

Question ID : **9888371316**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. D

✓ 2. C

✗ 3. B

✗ 4. A

**Q.54**

Question ID : **9888371278**
Status : **Answered**
Chosen Option : **3**

एक छात्र ने 6 विषयों में 470 अंक प्राप्त किये। यदि प्रत्येक विषय में अधिकतम अंक 100 है, तो उसके अंकों का प्रतिशत ज्ञात कीजिए|

A. 67.33%
B. 69.45%
C. 78.33%
D. 78.67%

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

---

**Q.55** इंफ्रा-रेड किरणें (Infra-red rays) क्या हैं?

A. अनुदैर्ध्य तरंगें (Longitudinal waves)
B. अनुप्रस्थ तरंगें (Transverse waves)
C. यांत्रिक तरंगें (Mechanical waves)
D. विद्युतचुम्बकीय तरंगें (Electromagnetic waves)

Question ID : **9888371259**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

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**Q.56** निम्नलिखित में से कौन सा इस समूह से संबद्ध नहीं है?

A. पांडा ग्लोबल (Panda Global)
B. रैबिट (Rabbit)
C. अवास्ट (Avast)
D. कैस्पर्स्की (Kaspersky)

Question ID : **9888371269**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

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**Q.57** E, P की पुत्री है जो K की एकमात्र बहू का पति है? E, K से किस प्रकार संबंधित है?

A. पुत्री
B. नातिन/ पोती
C. दादी / नानी
D. माता

Question ID : **9888371319**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

---

**Q.58** यदि ARC को $@* और HIT को #&% लिखा जाता है तो CHAIR को लिखा जाएगा|

A. #*&$@
B. #*$&%
C. *#$&@
D. *#$&%

Question ID : **9888371309**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.59** प्रोजेक्ट लून _____ की एक खोज (search)इंजन परियोजना है, जिसके माध्यम से उच्च ऊंचाई वाले हीलियम से भरे गुब्बारे का उपयोग कर ग्रामीण और दूरदराज के क्षेत्रों में इंटरनेट की पहुंच प्रदान की जा सके।

A. गूगल (Google)
B. माइक्रोसॉफ्ट (Microsoft)
C. एप्पल (Apple)
D. याहू (Yahoo)

Question ID : **9888371266**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.60** एक आयत की लम्बाई तथा चौंड़ाई में अन्तर 6 मीटर है। यदि इसका परिमाप 64 मीटर है तो इसका क्षेत्रफल ज्ञात कीजिए|

A. 256 वर्ग मीटर
B. 247 वर्ग मीटर
C. 264 वर्ग मीटर
D. 238 वर्ग मीटर

Question ID : **9888371300**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.61** कम्पाइलर (compiler)क्या है?

A. हार्डवेयर (Hardware)
B. सॉफ्टवेयर (Software)
C. न तो हार्डवेयर और न ही सॉफ्टवेयर (Neither Hardware nor Software)
D. कार्ड (Card)

Question ID : **9888371270**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.62** **दिए गए कथनों को ध्यानपूर्वक पढ़ें और प्रश्नों के उत्तर दें।**
**कथन:**
डोप टेस्ट में नाकाम रहने के बाद मीडिया का सामना करते समय एक अग्रणी टेनिस स्टार ने कहा" ,मैं अपने कैरियर का समापन इस तरह से नही करना चाहता। मैं उम्मीद करता हूं कि मुझे इस खेल को खेलने का एक और मौका दिया जाएगा। मैने इस खेल को शर्मिंदा किया है।"
निम्नलिखित में से कौन दिए गए कथन के अनुसार सत्य है?

A. वह डोप टेस्ट के परिणाम को चुनौती दे रहा था।
B. उसे विश्वास है कि वह सही था और वह खेलना जारी रखेगा।
C. वह डोप टेस्ट के सकारात्मक परिणाम पर सहमत था।
D. खेल ने उसे शर्मिंदा किया।

Question ID : **9888371337**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.63** यदि 10 संख्याओं का समांतर माध्य (mean)35 है और प्रत्येक में 2 जोड़ दिया जाए तो संख्याओं की नयी श्रेणी का माध्य (mean) क्या होगा?

A. 28
B. 34
C. 40
D. 37

Question ID : **9888371305**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.64**

Question ID : **9888371274**
Status : **Answered**
Chosen Option : **2**

नासा (NASA)का मुख्यालय कहाँ है?

A. न्यू यॉर्क
B. वाशिंगटन
C. बोस्टन
D. टेक्सास

Ans
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.65** INSAT-3D एक उन्नत मौसम निगरानी पेलोड वाला मौसम उपग्रह - को कब लॉन्च किया गया था?

A. 2012
B. 2013
C. 2014
D. 2015

Question ID : **9888371273**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

**Q.66** **कथन और उनके कुछ निष्कर्ष नीचे दिए गए हैं।**

**कथन:** चांद पर कदम रखने के बाद नील आर्मस्ट्रांग ने कहा, "एक आदमी के लिए "यह एक छोटा कदम है परंतु मानव जाति के लिए यह एक विशाल छलांग है"। ("One small step for a man, a giant leap for mankind.")

**निष्कर्ष:**

I. नील आर्मस्ट्रांग ने खुद को मानव जाति बताया।
II. नील आर्मस्ट्रांग के शब्दों से केवल मानव जाति की उपलब्धि की भावना गूँजती है।

निर्णय कीजिए कि दिया गया कौन सा (से) निष्कर्ष दिए गए कथन का तार्किक रूप से अनुसरण करता (करते) है (हैं)।

A. केवल निष्कर्ष I अनुसरण करता है।
B. केवल निष्कर्ष II अनुसरण करता है।
C. I और II दोनों अनुसरण करते हैं।
D. ना तो I ना ही II अनुसरण करता है।

Question ID : **9888371338**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

**Q.67** राज्यसभा को _____ नाम से भी जाना जाता है।

A. विधान परिषद (Legislative Council)
B. वरिष्ठ सदन (Senior House)
C. उच्च सदन (Upper House)
D. निम्न सदन (Lower House)

Question ID : **9888371252**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Comprehension:**

निम्नांकित सारणी चार विद्यार्थियों द्वारा पांच विषयों में प्राप्त अंक दर्शाती है।

| | भौतिकी | रसायन | गणित | इतिहास | भूगोल |
|---|---|---|---|---|---|
| श्याम | 45 | 50 | 49 | 51 | 65 |
| सुनील | 60 | 55 | 60 | 59 | 61 |
| जगदीश | 35 | 41 | 39 | 30 | 45 |
| राजेश | 50 | 55 | 51 | 57 | 62 |

निम्नलिखित जानकारी पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।

**SubQuestion No : 68**

Q.68 सुनील और जगदीश के कुल प्राप्तांकों का अंतर है:

Question ID : **9888371335**
Status : **Answered**
Chosen Option : **2**

A. 190
B. 125
C. 105
D. 115

Ans
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Comprehension:**

निम्नांकित सारणी चार विद्यार्थियों द्वारा पांच विषयों में प्राप्त अंक दर्शाती है।

| | भौतिकी | रसायन | गणित | इतिहास | भूगोल |
|---|---|---|---|---|---|
| श्याम | 45 | 50 | 49 | 51 | 65 |
| सुनील | 60 | 55 | 60 | 59 | 61 |
| जगदीश | 35 | 41 | 39 | 30 | 45 |
| राजेश | 50 | 55 | 51 | 57 | 62 |

निम्नलिखित जानकारी पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।

**SubQuestion No : 69**

Q.69 इतिहास और भूगोल दोनों में किसके प्राप्तांक अधिकतम हैं?

Question ID : **9888371336**
Status : **Answered**
Chosen Option : **1**

A. श्याम
B. सुनील
C. जगदीश
D. राजेश

Ans
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Comprehension:**

निम्नांकित सारणी चार विद्यार्थियों द्वारा पांच विषयों में प्राप्त अंक दर्शाती है।

| | भौतिकी | रसायन | गणित | इतिहास | भूगोल |
|---|---|---|---|---|---|
| श्याम | 45 | 50 | 49 | 51 | 65 |
| सुनील | 60 | 55 | 60 | 59 | 61 |
| जगदीश | 35 | 41 | 39 | 30 | 45 |
| राजेश | 50 | 55 | 51 | 57 | 62 |

निम्नलिखित जानकारी पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।

**SubQuestion No : 70**

**Q.70** औसत अधिकतम अंक किसने प्राप्त किए?

Question ID : **9888371334**
Status : **Answered**
Chosen Option : **2**

A. श्याम
B. सुनील
C. जगदीश
D. राजेश

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

**Q.71** कार X तथा Y एक ही समय पर क्रमशः 12 कि.मी./घंटा तथा 16 कि.मी./घंटा की गति से चलीं। 3 मिनट बाद उनके बीच की दूरी ज्ञात कीजिए|

Question ID : **9888371290**
Status : **Answered**
Chosen Option : **2**

A. 200 मीटर
B. 150 मीटर
C. 180 मीटर
D. 120 मीटर

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Q.72** फरवरी 2016 में 100 वर्ष पूर्ण करने वाले बनारस हिंदू विश्वविद्यालय की स्थापना किसने की थी?

Question ID : **9888371254**
Status : **Answered**
Chosen Option : **1**

A. गुलजारी लाल नंदा
B. मदन मोहन मालवीय
C. जय प्रकाश नारायण
D. सर्वपल्ली राधाकृष्णन

**Ans**
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.73** 10 वर्षों में एक निश्चित धनराशि साधारण ब्याज की किस वार्षिक दर से स्वयं का दोगुना हो जाएगी?

Question ID : **9888371291**
Status : **Answered**
Chosen Option : **1**

A. 7%
B. 8%
C. 9%
D. 10%

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.74** यदि 'god is great' = **'cp an bo'**, 'great help done' = **'er cp fs'** और 'he is great' = **'bo cp dq'** हो तो 'he is god' निम्नलिखितमें से किसके द्वारा दर्शाया जाएगा?

A. cp er bo
B. an bo cp
C. dq bo cp
D. an bo dq

Question ID : **9888371310**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

**Q.75** दो संख्याओं का HCF 4 तथा LCM के अन्य दो गुणखंड 5 और 7 हैं। इनमे से छोटी संख्या ज्ञात कीजिए:

A. 10
B. 14
C. 20
D. 28

Question ID : **9888371283**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.76** **CBDA, GFHE, KJLI, ?**

A. NOPM
B. MNOP
C. PMNO
D. ONPM

Question ID : **9888371314**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

**Q.77** S एक कार्य का 50% एक दिन में समाप्त कर सकता है। T उसी कार्य का 25% एक दिन में समाप्त कर सकता है। दोनो मिलकर उसी कार्य को कितने दिनों में समाप्त कर देंगें?

A. 2.66
B. 2.33
C. 1.33
D. 1.67

Question ID : **9888371287**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Comprehension:**

**निम्नलिखित जानकारियों पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

चार मित्र P, Q, R, S अनियमित क्रम में अध्यापन, वकालत, बैंकिंग और कुकिंग व्यवसाय में हैं और जिनके पास अनियमित क्रम में लाल, नीले, सफेद और पीले घर हैं। प्रत्येक व्यक्ति के पास केवल एक घर है और वह केवल एक व्यवसाय करता है।

1. P के पास लाल घर है और वह बैंकर नहीं है।
2. नीले रंग के घर का मालिक वकील है।
3. S के घर का रंग पीला या सफेद नहीं है।
4. R अध्यापक हैं।

**SubQuestion No : 78**

**Q.78**

Question ID : **9888371323**
Status : **Answered**
Chosen Option : **4**

नीले रंग के घर का मालिक है:

A. S
B. R
C. Q
D. निर्धारित नहीं किया जा सकता।

Ans
1. B ✗
2. C ✗
3. D ✗
4. A ✓

**Comprehension:**

**निम्नलिखित जानकारियों पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

चार मित्र P, Q, R, S अनियमित क्रम में अध्यापन, वकालत, बैंकिंग और कुकिंग व्यवसाय में हैं और जिनके पास अनियमित क्रम में लाल, नीले, सफेद और पीले घर हैं। प्रत्येक व्यक्ति के पास केवल एक घर है और वह केवल एक व्यवसाय करता है।

1. P के पास लाल घर है और वह बैंकर नहीं है।
2. नीले रंग के घर का मालिक वकील है।
3. S के घर का रंग पीला या सफेद नहीं है।
4. R अध्यापक हैं।

**SubQuestion No : 79**

Q.79 सफेद रंग के घर का मालिक है:

Question ID : **9888371325**
Status : **Answered**
Chosen Option : **4**

A. Q
B. R
C. S
D. निर्धारित नहीं किया जा सकता।

Ans
1. C ✗
2. A ✗
3. B ✗
4. D ✓

**Comprehension:**

**निम्नलिखित जानकारियों पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

चार मित्र P, Q, R, S अनियमित क्रम में अध्यापन, वकालत, बैंकिंग और कुकिंग व्यवसाय में हैं और जिनके पास अनियमित क्रम में लाल, नीले, सफेद और पीले घर हैं। प्रत्येक व्यक्ति के पास केवल एक घर है और वह केवल एक व्यवसाय करता है।

1. P के पास लाल घर है और वह बैंकर नहीं है।
2. नीले रंग के घर का मालिक वकील है।
3. S के घर का रंग पीला या सफेद नहीं है।
4. R अध्यापक हैं।

**SubQuestion No : 80**

Q.80 Q है एक

Question ID : **9888371324**
Status : **Answered**
Chosen Option : **1**

A. वकील
B. बैंकर
C. कुक
D. अध्यापक

Ans
1. B ✓

✗ 2. C

✗ 3. D

✗ 4. A

**Q.81** बारूद में मुख्य रूप से क्या शामिल होता है?

A. कैल्शियम सल्फेट

B. पोटैशियम नाइट्रेट

C. लीड सल्फाइड

D. जिंक सल्फाइड

Question ID : **9888371260**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. D

✓ 2. B

✗ 3. A

✗ 4. C

**Q.82** दो संख्याओं का अनुपात 3:1 तथा योगफल 72 है। दोनों संख्याओं का अन्तर ज्ञात कीजिए|

A. 24
B. 36
C. 32
D. 28

Question ID : **9888371286**
Status : **Answered**
Chosen Option : **1**

**Ans**

✓ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

**Q.83** यदि एक आयत की लम्बाई (L से.मी.) और चौड़ाई (B से.मी.) 25% बढ़ा दी जाए, तो पुराने तथा नए आयत के क्षेत्रफलों का अन्तर ज्ञात कीजिए|

A. 3LB/2 वर्ग से.मी.
B. 24LB/9 वर्ग से.मी.
C. 9LB/16 वर्ग से.मी.
D. 16LB/9 वर्ग से.मी.

Question ID : **9888371299**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. D

✗ 2. B

✗ 3. A

✓ 4. C

**Q.84** भारत का पहला सुपर कंप्यूटर किसे माना जाता है?

A. आदित्य

B. विक्रम-100

C. परम 8000

D. शास्त्र टी

Question ID : **9888371275**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. A

✗ 2. B

✓ 3. C

✗ 4. D

**Q.85**

Question ID : **9888371318**
Status : **Answered**
Chosen Option : **2**

**Contemporary : Historic : : _____ : Ancient**

A. Past
B. Classic
C. Modern
D. Future

**Ans**
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

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**Q.86** एक व्यक्ति जिसके कोई भाई-बहन नहीं हैं, एक फोटो की तरफ संकेत करके कहता है, "यह लड़का मेरे पिता का पुत्र है"। फोटो में कौन है?

A. उस व्यक्ति का पुत्र
B. उस व्यक्ति के पिता
C. स्वयं वह
D. उस व्यक्ति के दादा

Question ID : **9888371321**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

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**Q.87** मानव श्वसन में क्या छोड़ा जाता है?

A. गैसों का मिश्रण
B. कार्बन मोनोऑक्साइड
C. ऑक्सीजन
D. कार्बन डाइऑक्साइड

Question ID : **9888371263**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

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**Q.88** स्टेनलेस स्टील क्या है?

A. यौगिक
B. मिश्रण
C. तत्व
D. मिश्र धातु

Question ID : **9888371265**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. C
✗ 4. A

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**Q.89**

Question ID : **9888371240**
Status : **Answered**
Chosen Option : **2**

कौन सी नदी अरब सागर में नहीं मिलती है?

A. नर्मदा
B. ताप्ती
C. पेरियार
D. महानदी

Ans
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

Q.90 2012 के ओलंपिक में, अधिकतम स्वर्ण पदक किस देश ने जीता था?

Question ID : **9888371247**
Status : **Answered**
Chosen Option : **1**

A. चीन
B. ग्रेट ब्रिटेन
C. अमेरिका
D. रूस

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Q.91 सिंधु घाटी सभ्यता की सबसे महत्वपूर्ण विशेषता क्या थी?

Question ID : **9888371244**
Status : **Answered**
Chosen Option : **2**

A. वस्तु विनिमय प्रणाली
B. स्थानीय परिवहन प्रणाली
C. ईंट के बने भवन
D. प्रशासनिक प्रणाली

Ans
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

Q.92 **कथन और उनके कुछ निष्कर्ष नीचे दिए गए हैं।**

Question ID : **9888371327**
Status : **Answered**
Chosen Option : **4**

**कथन:**
1. भगवान ने मनुष्य जाति को समय तो एक-समान वितरित किया परंतु धन नहीं।
2. लेकिन भगवान ने सहज ज्ञान देकर इसकी भरपाई कर दी।

**निष्कर्ष:**
I. भगवान ने मनुष्य जाति को धन का एक-समान वितरण ना करके न्याय नहीं किया।
II. बुद्धिमानी से पैसे का प्रबंधन करने के लिए सहज ज्ञान का उपयोग करना चाहिए।

निर्णय कीजिए कि कौन सा (से) निष्कर्ष दिए गए कथनों का तार्किक रूप से अनुसरण करता (करते) है (हैं)।

A. केवल निष्कर्ष I अनुसरण करता है।
B. केवल निष्कर्ष II अनुसरण करता है।
C. I और II दोनों अनुसरण करते हैं।
D. ना तो I ना ही II अनुसरण करता है।

Ans
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

Q.93

Question ID : **9888371315**
Status : **Answered**
Chosen Option : **2**

**Consolation : Grief :: Sedative : _____**

A. Chloroform

B. Anesthesia

C. Pain

D. Burn

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

---

**Q.94** एक व्यक्ति प्रतिवर्ष 500 रुपये प्रत्येक वर्ष की शुरुआत में 2 वर्षों के लिए 10% की वार्षिक चक्रवर्ती ब्याज पर जमा कराता है, तो 2 वर्षों के अंत में धनराशि का परिपक्वता मूल्य क्या होगा?

A. 1,050 रुपये
B. 1,150 रुपये
C. 1,155 रुपये
D. 1,200 रुपये

Question ID : **9888371292**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

---

**Q.95** जैसा संबंध नीचे के युग्म में है, उससे विपरीत संबंध वाला युग्म चुनें-
**भीतर : बाहर**

A. दिन : रात
B. सूरज : तारे
C. रोशनी : अंधेरा
D. सफेद : काला

Question ID : **9888371317**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

---

**Q.96** स्वतंत्रता की प्रतिमा (स्टेचू ऑफ़ लिबर्टी) (Statue of Liberty) कहाँ स्थित है?

A. पेरिस (Paris)
B. वाशिंगटन (Washington)
C. जिनेवा (Geneva)
D. न्यू यॉर्क (New York)

Question ID : **9888371257**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

---

**Q.97** निम्नलखित में से कौन सा विद्युत का सुचालक नहीं है?

A. चीनी मिट्टी के बर्तन (Porcelain)
B. अल्युमीनियम
C. टंगस्टन
D. निकल

Question ID : **9888371264**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B

✗ 2. C

✓ 3. A

✗ 4. D

**Q.98** यदि 'code' = **6241**, 'made' = **5346**, 'come' = **3124**' और 'to' = 27 तो 'dome' =?

A. 6134
B. 5214
C. 6124
D. 2634

Question ID : **9888371308**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. D

✗ 2. B

✗ 3. C

✗ 4. A

**Q.99** 4 वर्षों के अन्तराल से जन्मे 4 बच्चों की आयु का योगफल 48 है, तो सबसे छोटे बच्चे की आयु ज्ञात कीजिए|

A. 4 वर्ष
B. 5 वर्ष
C. 6 वर्ष
D. 7 वर्ष

Question ID : **9888371279**
Status : **Answered**
Chosen Option : **3**

**Ans** ✗ 1. A

✗ 2. B

✓ 3. C

✗ 4. D

**Q.100** माता-पिता तथा दो बच्चों की औसत आयु क्रमशः 30 वर्ष तथा 8 वर्ष है, तो परिवार की औसत आयु ज्ञात कीजिए|

A. 16 वर्ष
B. 19 वर्ष
C. 18 वर्ष
D. 17 वर्ष

Question ID : **9888371277**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. A

✓ 2. B

✗ 3. D

✗ 4. C

Print

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 6th April 2016 Shift 1

| | |
|---|---|
| Roll No: | 11327967250004 |
| Participants Name: | GANESAN R |
| Test Center Name: | iON Digital Zone iDZ, Attingal |
| Test Date: | 06/04/2016 |
| Test Time: | 9:00 AM - 10:30 AM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Rearrange the jumbled letters to make meaningful words and then select the one which is different.

A. LOWELY
B. IFER
C. THIWE
D. WRONB

Question ID : **2055231843**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. B
✘ 2. C

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✗ 3. D

✗ 4. A

**Q.2** Find the value of '?', if the mean of the data set 18, 16, 22, 13, ? = 16.

Question ID : **2055231821**
Status : **Answered**
Chosen Option : **3**

A. 9
B. 11
C. 10
D. 12

**Ans**

✗ 1. D

✓ 2. B

✗ 3. A

✗ 4. C

**Q.3** Which of the following will fit in '?' place in the following series?

AN, BO, CP, DQ, ?

Question ID : **2055231828**
Status : **Answered**
Chosen Option : **4**

A. ES
B. RE
C. FS
D. ER

**Ans**

✗ 1. B

✗ 2. A

✗ 3. C

✓ 4. D

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**Q.4** The planet Mars is also known as the _____.

Question ID : **2055231789**
Status : **Answered**
Chosen Option : **3**

A. Morning star
B. Evening star
C. Red planet
D. Blue planet

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.5** What is the common name of the solution of calcium hydroxide?

Question ID : **2055231776**
Status : **Answered**
Chosen Option : **2**

A. Lime water
B. Diet soda
C. Salt solution
D. Vinegar

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

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**Q.6** Nurse : Ward : : Teacher : ?

A. Student
B. Board
C. Class
D. Lesson

Question ID : **2055231831**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.7** 'Smiling Buddha' was the code name for

A. The rescue and relief operations after the cloudburst in Uttarakhand in 2013.
B. The rescue and relief operations after an earthquake hit Nepal in 2015.
C. Pokhran-II nuclear test conducted by India in 1998.
D. Pokhran-I nuclear test conducted by India in 1974.

Question ID : **2055231781**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Comprehension:**

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**Consider the following information and answer questions based on it.**

Six cars S, T, V, W, X and Y are parked in a parking lot, in a random order, from left to right, such that –

A. T is parked on the extreme right.
B. V is parked to the immediate right of Y and is one car away from W.
C. X is to the immediate left of T and is three cars away from S.

**SubQuestion No : 8**

**Q.8** Which of the following statement is true?

A. There are two cars between T and V.
B. There is one car between X and Y.
C. There are three cars between Y and S.
D. There is no car between X and W.

Question ID : **2055231840**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Comprehension:**

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**Consider the following information and answer questions based on it.**

Six cars S, T, V, W, X and Y are parked in a parking lot, in a random order, from left to right, such that –

A. T is parked on the extreme right.
B. V is parked to the immediate right of Y and is one car away from W.
C. X is to the immediate left of T and is three cars away from S.

**SubQuestion No : 9**

**Q.9** W is to the immediate right of

A. S
B. Y
C. V
D. Cannot be determined

Question ID : **2055231839**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

**Comprehension:**

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**Consider the following information and answer questions based on it.**

Six cars S, T, V, W, X and Y are parked in a parking lot, in a random order, from left to right, such that –

A. T is parked on the extreme right.
B. V is parked to the immediate right of Y and is one car away from W.
C. X is to the immediate left of T and is three cars away from S.

**SubQuestion No : 10**

**Q.10** Which car is parked to the immediate left of X?

Question ID : **2055231838**
Status : **Answered**
Chosen Option : **2**

A. V
B. Y
C. W
D. T

**Ans**
✔ 1. A
✘ 2. D
✘ 3. C
✘ 4. B

---

**Q.11** Jantar Mantar in Delhi is historically important for

Question ID : **2055231771**
Status : **Answered**
Chosen Option : **4**

A. Public meetings
B. Hunger strikes
C. Ancient sculptures
D. Astronomical observatory

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Ans
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

Q.12 'Bharat Stage Emission Standards' refers to

A. Vehicular pollution
B. Industrial pollution
C. Water pollution
D. Soil pollution

Question ID : **2055231765**
Status : **Answered**
Chosen Option : **1**

Ans
✘ 1. B
✔ 2. A
✘ 3. C
✘ 4. D

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**Q.13** Statements followed by some conclusions are given below.

Question ID : **2055231841**
Status : **Answered**
Chosen Option : **2**

**Statement:**

1. $M > L > N$
2. $N = R$

**Conclusions:**

I. $R > L$
II. $R < M$

Find which of the given conclusions logically follows from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.14** Find the odd statement: Two lines are perpendicular to each other if they are,

Question ID : **2055231816**
Status : **Answered**
Chosen Option : **1**

A. Adjacent sides of a rectangle.
B. Diagonals of a rhombus.
C. Hypotenuse and one side of a right-angle triangle.
D. Adjacent sides of a square.

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

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**Q.15** A certain number of men agreed to do a work in 20 days. 5 men did not come for work. Others completed the work in 40 days. Find the number of men who had agreed to do the work originally.

A. 8
B. 10
C. 12
D. 15

Question ID : **2055231803**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.16** How many prime numbers are there between the positive integers 60 and 100?

A. 9
B. 6
C. 7
D. 8

Question ID : **2055231795**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Q.17** அறிக்கைகள் பின்தொடரும் சில முடிவுகளோடு கீழே தரப்பட்டுள்ளன:

**அறிக்கை:**

1. நம்முடைய வாழ்க்கையில் இன்டர்நெட் ஒரு அவசியமான அம்சமாகி விட்டுள்ளது.
2. இன்டர்நெட் ஒரு லாபமா அல்லது சாபமா என்பது இன்னமும் ஒரு முடியாத விவாதமாக இருந்து வருகிறது.

**முடிவுகள்:**

I. இன்டர்நெட் இல்லாத வாழ்க்கையை கற்பனை கூட செய்து பார்க்க முடியாது.
II. இன்டர்நெட் குறித்த முடிவே இல்லாத விவாதங்கள் தேவையில்லாதது.

கீழுள்ள முடிவுகளில் எது தரப்பட்டுள்ள அறிக்கைகளோடு தொடர்புடையதாக உள்ளது என கண்டறியவும்.

A. முடிவு I மட்டுமே தொடர்புடையது .
B. முடிவு II மட்டுமே தொடர்புடையது.
C. I மற்றும் II மட்டும் தொடர்புடையன.
D. I அல்லது II எதுவுமே தொடர்புடையதாக இல்லை.

Question ID : **2055231842**
Status : **Answered**
Chosen Option : **3**

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Ans
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

Q.18 வாஷிங் சோடாவை _____ –க்கு உபயோகிக்கலாம்.

Question ID : **2055231791**
Status : **Answered**
Chosen Option : **4**

A. குடி தண்ணீரை கிருமி நீக்கம் செய்ய.
B. சமையல் செய்வதற்கு.
C. கடின நீரை மென்மையாக்குவதற்கு.
D. விஷமல்லாத பொருளாக, வீட்டுப் பராமரிப்புப் பொருளில்.

Ans
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

Q.19 Find the value of $y\ (y^4 - y^2 - y)$ when $y = 5$.

Question ID : **2055231813**
Status : **Answered**
Chosen Option : **2**

A. 2900
B. 2975
C. 2925
D. 2995

Ans
✗ 1. C
✓ 2. B
✗ 3. A

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✗ 4. D

**Q.20** The sum of two positive integers is 34 and their difference is 8. Find their product.

Question ID : **2055231797**
Status : **Answered**
Chosen Option : **4**

A. 308
B. 273
C. 209
D. 345

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.21** The LCM of two numbers is 66. The numbers are in the ratio 2:3. The sum of the numbers is

Question ID : **2055231798**
Status : **Answered**
Chosen Option : **2**

A. 60
B. 55
C. 50
D. 65

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.22** If P means '÷', R means '×', Q means '+' and S means '–', then 36 P 6 Q 7 R 8 S 11 =

Question ID : **2055231827**
Status : **Answered**
Chosen Option : **4**

A. 45
B. 51
C. 52
D. 62

**Ans**
✗ 1. D
✗ 2. C

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3. A

4. B

**Q.23** Multitasking system specifically refers to

A. More than one user.
B. More than one process.
C. More than one hardware.
D. More than one IP address.

Question ID : **2055231785**
Status : **Answered**
Chosen Option : **4**

**Ans**

1. D

2. A

3. C

4. B

**Q.24** Union Government's School Nursery Yojana is about

A. Creating environmental awareness in young minds.
B. Streamlining admissions in nursery schools.
C. Bringing nursery schools under regulations.
D. Creating awareness about safety of children.

Question ID : **2055231766**
Status : **Answered**
Chosen Option : **4**

**Ans**

1. A

2. C

3. B

4. D

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**Q.25** Ms. Chandra said that Lakshmi's husband is the only son of my grandfather. How is Ms. Chandra related to Lakshmi?

A. Mother
B. Daughter
C. Cousin
D. Niece

Question ID : **2055231836**
Status : **Answered**
Chosen Option : **4**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

**Q.26** Chief Election Commissioner of India can be removed from the office by

A. Both houses of Parliament
B. Union council of Ministers
C. President of India
D. Chief Justice of India

Question ID : **2055231767**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. B
✔ 3. A
✘ 4. D

**Q.27** $\cos^2 90^0 + \text{cosec}^2 90^0 - \cot^2 45^0 = ?$

A. 2
B. 1
C. 1/2
D. $\sqrt{3}/2$

Question ID : **2055231817**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✔ 2. B

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3. A

4. C

**Q.28** As per Census of India 2011, the population density was about

A. 382 people per sq.km
B. 353 people per sq.km
C. 402 people per sq.km
D. 428 people per sq.km

Question ID : **2055231756**
Status : **Answered**
Chosen Option : **1**

**Ans**

1. B

2. C

3. D

4. A

**Q.29** The difference between the ages of two sisters is 4 years when father's age is 54. Father is elder by 2 years to mother. Younger sister's age is half of mother's age. Find the age of elder sister.

A. 26
B. 27
C. 29
D. 30

Question ID : **2055231793**
Status : **Answered**
Chosen Option : **2**

**Ans**

1. D

2. A

3. B

4. C

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Q.30 $2^2 - 3^3 + 4^3 - 6^2 = ?$

A. 2
B. 3
C. 4
D. 5

Question ID : **2055231794**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

Q.31 Syed Modi International Grand Prix Gold Championship is held every year at _____.

A. Chandigarh
B. Lucknow
C. Delhi
D. Hyderabad

Question ID : **2055231762**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

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Q.32 Name the first woman to head a paramilitary force.

Question ID : **2055231758**
Status : **Answered**
Chosen Option : **3**

A. Divya Ajith
B. Archana Ramasundaram
C. Punita Arora
D. Ashwini Pawar

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

Q.33 Who was known as Badshah Khan?

Question ID : **2055231761**
Status : **Answered**
Chosen Option : **2**

A. Mohammed Ali Jinnah
B. Abul Kalam Azad
C. Khan Abdul Ghaffar Khan
D. Khan Abdul Wali Khan

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Comprehension:**

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The following table represents the rainfall (in mm) of five states from June to September in a year.

| | June | July | August | September |
|---|---|---|---|---|
| **JK** | 1100 | 1100 | 1000 | 1200 |
| **HP** | 1100 | 1100 | 1000 | 1300 |
| **WB** | 1400 | 1300 | 1200 | 1000 |
| **GA** | 1000 | 1300 | 1500 | 1700 |
| **TN** | 1200 | 1050 | 1000 | 1100 |

Consider the information and answer questions based on it.

**SubQuestion No : 34**

**Q.34** Which state has the lowest average rainfall?

Question ID : **2055231850**
Status : **Answered**
Chosen Option : **4**

A. JK
B. HP
C. WB
D. TN

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

**Comprehension:**

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The following table represents the rainfall (in mm) of five states from June to September in a year.

| | June | July | August | September |
|---|---|---|---|---|
| JK | 1100 | 1100 | 1000 | 1200 |
| HP | 1100 | 1100 | 1000 | 1300 |
| WB | 1400 | 1300 | 1200 | 1000 |
| GA | 1000 | 1300 | 1500 | 1700 |
| TN | 1200 | 1050 | 1000 | 1100 |

Consider the information and answer questions based on it.

**SubQuestion No : 35**

**Q.35** Which state shows a gradual increase in its rainfall from June to September?

Question ID : **2055231849**
Status : **Answered**
Chosen Option : **4**

A. HP
B. WB
C. GA
D. TN

**Ans**
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

**Comprehension:**

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The following table represents the rainfall (in mm) of five states from June to September in a year.

| | June | July | August | September |
|---|---|---|---|---|
| JK | 1100 | 1100 | 1000 | 1200 |
| HP | 1100 | 1100 | 1000 | 1300 |
| WB | 1400 | 1300 | 1200 | 1000 |
| GA | 1000 | 1300 | 1500 | 1700 |
| TN | 1200 | 1050 | 1000 | 1100 |

Consider the information and answer questions based on it.

**SubQuestion No : 36**

**Q.36** Which month received the lowest rainfall in the year?

Question ID : **2055231851**
Status : **Answered**
Chosen Option : **3**

A. June
B. July
C. August
D. September

**Ans**
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

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**Q.37** ஒரு இரு இலக்க எண்ணுக்கும் மற்றும் அதை மாற்றி அமைத்தால் வரும் எண்ணுக்கும் இடையில் உள்ள வித்தியாசம் 54. அந்த எண்ணின் இரண்டு இலக்கங்களுக்கு இடையில் உள்ள வித்தியாசம் என்ன?

A. 6
B. 7
C. 8
D. 9

Question ID : **2055231811**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

---

**Q.38** During morning walk, a man covers a distance of 3 km, 4 km, 3.5 km, 5 km and 4.5 km from Monday to Friday, respectively. How much distance should he cover on two more days, so that his average per week becomes 4 km per day?

A. 4
B. 8
C. 5
D. 6

Question ID : **2055231792**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

---

**Q.39** Find the HCF & LCM of 16, 24.

A. 8, 48
B. 4, 12
C. 2, 24
D. 4, 48

Question ID : **2055231799**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. A

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✗ 2. D

✗ 3. B

✗ 4. C

**Q.40** Saffron is produced in a large scale in

A. Himachal Pradesh
B. Gujarat
C. Jammu and Kashmir
D. Kerala

Question ID : **2055231755**
Status : **Answered**
Chosen Option : **1**

**Ans**

✓ 1. C

✗ 2. A

✗ 3. B

✗ 4. D

**Q.41** A man purchased a cycle for Rs. 3,000/- and agreed to pay 12% on the amount as interest. He repaid principal and interest in 12 equal monthly installments. Find the amount of each installment.

A. Rs. 260
B. Rs. 240
C. Rs. 280
D. Rs. 300

Question ID : **2055231806**
Status : **Answered**
Chosen Option : **1**

**Ans**

✗ 1. B

✓ 2. C

✗ 3. D

✗ 4. A

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**Q.42** The political system in Afghanistan is known as

A. Islamic State of Afghanistan
B. Islamic Republic of Afghanistan
C. Islamic Emirate of Afghanistan
D. Islamic Government of Afghanistan

Question ID : **2055231757**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

---

**Q.43** If 'are you sam' = 'ri ai ki', 'all hate you' = 'vi li ri' and 'all are fake' = 'mi ai li' then which represents 'hate'?

A. ri
B. li
C. vi
D. ai

Question ID : **2055231824**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

---

**Q.44** Pointing to K, M said that she was the daughter of the only son of his grandfather. How M is related to K?

A. Mother
B. Maternal aunt
C. Daughter
D. Sister

Question ID : **2055231835**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. A

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✔ 3. D

✘ 4. C

**Q.45** Find the mean value of **2, 3, 3, 4, 6, 7**

A. 4.17
B. 4.15
C. 4.13
D. 4.70

Question ID : **2055231820**
Status : **Answered**
Chosen Option : **1**

**Ans**

✘ 1. C

✘ 2. B

✘ 3. D

✔ 4. A

**Q.46** Who won majority of the men's singles tennis grand slam tournaments in 2015?

A. Andy Murray
B. Novak Djokovic
C. Roger Federer
D. Stanislas Wawrinka

Question ID : **2055231769**
Status : **Answered**
Chosen Option : **1**

**Ans**

✘ 1. C

✘ 2. D

✘ 3. A

✔ 4. B

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**Q.47** K ஒரு தொகையை ஒரு குறிப்பிட்ட விகித தனி வட்டிக்கு 1 வருடத்திற்கு கடனாக பெற்றுக்கொள்ள சம்மதித்தார். ஆனால் கடன் கொடுத்தவர் வட்டி வீதத்தை 3% அதிகரித்தார். அது ரூபாய்.120 ஆக ஆனது. அசல் தொகையை கண்டுபிடி?

A. ரூபாய்.4,000
B. ரூபாய்.3,500
C. ரூபாய்.4,200
D. ரூபாய்.5,000

Question ID : **2055231807**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.48** If CABINET = EIACBTN, then COMPUTE = _____.

A. TPOMECU
B. TPOCMEU
C. PTOCMEU
D. CMUEOPT

Question ID : **2055231825**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.49** The Constituent Assembly adopted Indian national flag on

A. 22nd July 1947
B. 22nd August 1947
C. 22nd January 1948
D. 22nd October 1947

Question ID : **2055231768**
Status : **Answered**
Chosen Option : **2**

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Ans
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.50** When milk becomes sour, _____ is produced.

A. Lactose
B. Lactic acid
C. Salicylic acid
D. Linoleic acid

Question ID : **2055231775**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.51** A shop keeper purchased 10 kg of rice and 20 kg of sugar at Rs. 75 and Rs. 85 per kg respectively. On selling, he gained 20% on rice and 10% on sugar. What was the total sale price?

A. Rs. 2,695
B. Rs. 2,770
C. Rs. 2,800
D. Rs. 2,750

Question ID : **2055231808**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

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**Q.52** Yellow fever is mainly transmitted among humans by

A. Female mosquito bite
B. Male mosquito bite
C. Water
D. Air

Question ID : **2055231782**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

---

**Q.53** **Read the given statements carefully and answer the question.**

The main reasons for vehicles crawling on city roads during peak hours are increasing number of private vehicles and double parking which is a very common sight. A survey reveals that vehicles move on an average at 20 kmph during peak hours.

Which of the following is true according to the given statement?

A. Vehicles move at 20 kmph during 5 pm to 9 pm.
B. Double parking is not a violation of traffic rules in the city.
C. The number of private vehicles have gone up.
D. The number of Government vehicles remain the same.

Question ID : **2055231852**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

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**Q.54** Which of the following is in ascending order?

Question ID : **2055231796**
Status : **Answered**
Chosen Option : **2**

A. 0.65, 0.76, 0.67, 0.86
B. 0.65, 0.86, 0.67, 0.76
C. 0.65, 0.67, 0.76, 0.86
D. 0.67, 0.65, 0.76, 0.86

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

**Q.55** Which one does not belong to the group?

Question ID : **2055231753**
Status : **Answered**
Chosen Option : **2**

A. Zee
B. Screen
C. Colors
D. Sony

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

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**Q.56** A path of 2.5 m width surrounds a rectangular garden of length 10 m and breadth 8 m. Area of the garden, inclusive of the path is

A. 130.25 sq.m
B. 131.25 sq.m
C. 195.00 sq.m
D. 162.50 sq.m

Question ID : **2055231814**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

**Q.57** Find the similarity in the following:

**Leopard, Tiger, Jaguar, Lion**

A. All of them are found in India.
B. All of them belong to the cat family.
C. All of their young ones are called kittens.
D. There is no similarity.

Question ID : **2055231833**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. D
✘ 2. A
✘ 3. C
✔ 4. B

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**Q.58** The end of British rule in India came in the year

A. 1946
B. 1947
C. 1948
D. 1950

Question ID : **2055231760**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

---

**Q.59** A trader bought 10 kg of tea at Rs.400 per kg. He sold half the quantity at 20% loss and remaining at 10% profit. What was his net profit or loss in percentage?

A. 5% loss
B. 5% gain
C. 10% loss
D. 10% gain

Question ID : **2055231809**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

---

**Q.60** *P யின் தந்தை Q வின் மருமகனாவார். Q வுக்கு ஒரே ஒரு குழந்தை உண்டு மற்றும் R என்பவர் Q வின் பேத்தியாவார். P க்கு R என்ன உறவு?*

*A. சகோதரி*
*B. பேத்தி*
*C. மகள்*
*D. தாய்*

Question ID : **2055231834**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D

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✗ 3. B

✗ 4. C

**Q.61** நெஃப்ராலஜி *(Nephrology)* என்பது _____ உடன் தொடர்புடையது.

Question ID : **2055231783**
Status : **Answered**
Chosen Option : **4**

*A.* ஈரல்

*B.* நுரையீரல்கள்

*C.* சிறுநீரகம்

*D.* முன் சிறுகுடல்

**Ans**

✓ 1. C

✗ 2. D

✗ 3. B

✗ 4. A

**Q.62** Who was the first chairman of ISRO?

Question ID : **2055231788**
Status : **Answered**
Chosen Option : **2**

A. Kasturirangan

B. Vikram Sarabhai

C. Homi K. Bhabha

D. C. V. Raman

**Ans**

✗ 1. C

✓ 2. B

✗ 3. A

✗ 4. D

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**Q.63** Find the odd statement out in relation to firewall.

A. Firewall can be a software.
B. Firewall can be a hardware.
C. Firewall can be a combination of software & hardware.
D. Firewall protects computer from fire.

Question ID : **2055231790**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.64** What will be the cost of leveling a circular ground of diameter 28 m, if the charges are Rs. 125 per sq.m? ($\pi = 22/7$).

A. Rs. 76,000
B. Rs. 76,400
C. Rs. 76,800
D. Rs. 77,000

Question ID : **2055231815**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

**Q.65** The popular Yankee Stadium in USA is located at

A. Boston
B. New York
C. Las Vegas
D. Washington

Question ID : **2055231764**
Status : **Answered**
Chosen Option : **3**

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Ans
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

Q.66 $\text{cosec}(90^\circ - \theta) = ?$

A. tan θ
B. cot θ
C. sec θ
D. cos θ

Question ID : **2055231818**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

Q.67 An article was sold for Rs.2100 at a profit of 25%. What is its cost price?

A. Rs. 1,620
B. Rs. 1,640
C. Rs. 1,660
D. Rs. 1,680

$CP = [100 / (100 + Gain\%)] * SP$

$CP = [100 / (100 + 25)] * 2100$

$CP = 1680$

Question ID : **2055231810**
Status : **Answered**
Chosen Option : **2**

Ans
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

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**Q.68** In a certain code, 327 means "don't cut tree", 635 means 'plant one tree', 138 means 'tree gives shade' and 4953 means 'we must plant tree'. Which digit represents 'shade'?

A. 1
B. 4
C. 8
D. cannot be determined

Question ID : **2055231822**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

---

**Q.69** **Read the given statements carefully and answer the question.**

Spending money should be based on logical decision and not compulsive or impulsive behavior. One should not fall prey to possible hidden agenda of the sellers who come out with 'sale', 'free offer' etc. Price is what you pay, value is what you should get.

A. When you pay for something, look for value.
B. Any discounted sale has a hidden agenda against the consumer.
C. People do compulsive or impulsive and not logical spending.
D. Sellers are cheating the public.

Question ID : **2055231854**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

---

**Q.70** An electric motor converts

A. Mechanical energy into electrical energy.
B. Thermal energy into electrical energy.
C. Electrical energy into mechanical energy.
D. Radiant energy into electrical energy.

Question ID : **2055231774**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B

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✗ 2. D

✓ 3. C

✗ 4. A

**Q.71** When the car takes a bend, the force that pushes us to the outside of the curve is the

A. Centripetal Force
B. Centrifugal Force
C. Frictional Force
D. Tension Force

Question ID : **2055231773**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. D

✗ 2. A

✓ 3. B

✗ 4. C

**Q.72** The Prime Minister is the ex-officio President of

A. CLRI
B. CSIR
C. ISRO
D. DRDO

Question ID : **2055231780**
Status : **Answered**
Chosen Option : **3**

**Ans**

✓ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

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**Q.73** The name of the newest Antarctica research base commissioned in 2015 is

A. Dakshin Gangotri
B. Maitri
C. Bharati
D. Lotus

Question ID : **2055231787**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

---

**Q.74** A car covers the first 30 km at a speed of 60 kmph and the next 20 km at 80 kmph. Find the average speed.

A. 65.67 kmph
B. 65.33 kmph
C. 66.33 kmph
D. 66.67 kmph

Question ID : **2055231805**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

---

**Q.75** Indian sports person Gagan Narang is associated with

A. Archery
B. Air rifle shooting
C. Wrestling
D. Badminton

Question ID : **2055231763**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A

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✗ 2. D

✓ 3. B

✗ 4. C

**Q.76** Which number will fit in '?' place in the following series?

12, 23, 45, 89, ?

A. 175
B. 176
C. 177
D. 178

Question ID : **2055231829**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. D

✓ 2. C

✗ 3. B

✗ 4. A

**Q.77** Microsoft Corporation was founded in

A. 1979
B. 1981
C. 1975
D. 1965

Question ID : **2055231784**
Status : **Answered**
Chosen Option : **2**

**Ans**

✓ 1. C

✗ 2. B

✗ 3. A

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✗ 4. D

**Q.78** If F = 6, THE = 33 then WOMAN =?

Question ID : **2055231823**
Status : **Answered**
Chosen Option : **2**

A. 64
B. 65
C. 66
D. 67

**Ans**
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

**Q.79** If the mathematical operators, '×' means '+', '÷' means '×', '+' means '–', and '–' means '÷', then 22 + 36 – 12 × 6 ÷ 4 =?

Question ID : **2055231826**
Status : **Answered**
Chosen Option : **3**

A. -21
B. 43
C. 68
D. 53

$=22-(36\div12)+(6\times4)$

$=22-3+24$

$=43$

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

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Q.80 Which organ is not a gland?

A. Adrenal
B. Liver
C. Pituitary
D. Gall bladder

Question ID : **2055231778**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

Q.81 Who was conferred the Arjuna Award for wrestling in 2015?

A. Babita Kumari
B. Abhilasha Shashikant
C. Yumnam Sanathoi Devi
D. M. R. Poovamma

Question ID : **2055231770**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

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**Q.82** Every set in the dotted decimal format of IP address is called

A. Subnet
B. Octet
C. Subset
D. IP set

Question ID : **2055231786**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

**Q.83** If $x + y = 19$ and $x - y = 7$, then xy =?

A. 13
B. 48
C. 78
D. 72

Question ID : **2055231812**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✘ 2. A
✔ 3. C
✘ 4. B

**Q.84** A tap can fill a tank in 20 minutes. If a leakage is capable of emptying the tank in 60 minutes, the tank will be filled in

A. 1 hour
B. 45 minutes
C. 30 minutes
D. 50 minutes

Question ID : **2055231802**
Status : **Answered**
Chosen Option : **2**

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Ans
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

Q.85 The arithmetic mean of the marks scored by students of a class is 58. 20% of them secured a mean score of 60. The mean score of another 30% of the students was 40. The mean score of the remaining students is

A. 65
B. 66
C. 68
D. 70

Question ID : **2055231819**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

Q.86 Parliament House in Delhi was constructed during

A. 1895 - 1900
B. 1901 - 1909
C. 1921 – 1927
D. 1931 – 1935

Question ID : **2055231772**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

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Q.87 Anaemic condition is due to

A. Deficiency of platelets.
B. Deficiency of RBC.
C. Deficiency of WBC.
D. Deficiency of oxidants.

Question ID : **2055231777**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

**Comprehension:**

**Consider the following information and answer the questions based on it.**

Out of 50 kids in a colony, 10 like only basketball, 25 like only football, 10 like both volleyball and football and 5 like only volleyball.

**SubQuestion No : 88**

Q.88 How many kids do not like volleyball?

A. 15
B. 25
C. 35
D. 45

Question ID : **2055231845**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. A

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✗ 3. B

✓ 4. C

**Comprehension:**

**Consider the following information and answer the questions based on it.**

Out of 50 kids in a colony, 10 like only basketball, 25 like only football, 10 like both volleyball and football and 5 like only volleyball.

**SubQuestion No : 89**

**Q.89** The ratio of kids who like football to those who like only basketball is

Question ID : **2055231846**
Status : **Answered**
Chosen Option : **2**

A. 5/2
B. 7/2
C. 4
D. 5

**Ans**

✗ 1. C

✗ 2. A

✗ 3. D

✓ 4. B

**Comprehension:**

**Consider the following information and answer the questions based on it.**

Out of 50 kids in a colony, 10 like only basketball, 25 like only football, 10 like both volleyball and football and 5 like only volleyball.

**SubQuestion No : 90**

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Q.90 How many kids like only one sport?

A. 50
B. 40
C. 35
D. 25

Question ID : **2055231847**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

Q.91 Four pairs of words are given. Find the odd one out.

A. White : Snow
B. Red : Blood
C. Brown : Sky
D. Green : Grass

Question ID : **2055231832**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

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**Q.92** The recent trial run of 'odd-even' traffic scheme for Delhi was based on

A. odd-even calendar months
B. odd-even calendar dates
C. vehicle registration numbers
D. odd-even hours during 8 am to 8 pm

Question ID : **2055231754**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

---

**Q.93** **Read the given statements carefully and answer the question.**

Taxes on eating out have been increased. Eating out is not an act of the luxurious. Over-worked and time-pressed poor also need to eat out.

A. The poor enjoy the luxury of eating out.
B. Eating out is luxury for the poor.
C. Eating out is need-based for the poor also.
D. Tax on eating out must be reduced.

Question ID : **2055231853**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

---

**Q.94** The ratio of marks obtained by a student in 3 subjects was 1:2:3. The school decided to allow grace marks of 5% for each subject. Find the student's new ratio.

A. 1:2:3
B. 2:3:4
C. 2:3:1
D. 3:2:1

Question ID : **2055231801**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. A
✗ 2. D

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✗ 3. C

✗ 4. B

**Q.95** A bus runs at 50 kmph. If the speed is increased by 10 kmph, it will cover 20 km more in the same time. Find the actual distance covered?

A. 100 km
B. 150 km
C. 200 km
D. 250 km

Question ID : **2055231804**
Status : **Answered**
Chosen Option : **1**

**Ans**

✗ 1. B

✗ 2. C

✓ 3. A

✗ 4. D

**Q.96** The Hornbill festival is celebrated in

A. Arunachal Pradesh
B. Nagaland
C. Odisha
D. West Bengal

Question ID : **2055231759**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. A

✓ 2. B

✗ 3. D

✗ 4. C

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Q.97 Four pairs of words are given. Find the odd one out.

Question ID : **2055231830**
Status : **Answered**
Chosen Option : **2**

A. Rhombus : Four-sided polygon
B. Nonagon : Seven-sided polygon
C. Octagon : Eight-sided polygon
D. Hexagon : Six-sided polygon

**Ans**
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

Q.98 Find the $4^{th}$ proportional to 9, 17 and 27.

Question ID : **2055231800**
Status : **Answered**
Chosen Option : **4**

A. 57
B. 48
C. 51
D. 53

**Ans**
✘ 1. D
✘ 2. B
✘ 3. A
✔ 4. C

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**Q.99** Union Government Budget deficit for a particular financial year represents

A. Total amount of revenue receipts.
B. Total amount of capital receipts.
C. The amount of money that the Government has to borrow.
D. Total amount of estimated Government expenditure.

Question ID : **2055231752**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.100** Which aircraft carrier was formally inducted into the Indian Navy by Prime Minister Narendra Modi in the year 2014?

A. INS Vikrant
B. INS Vikramaditya
C. INS Viraat
D. INS Chakra

Question ID : **2055231779**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

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Print

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 6th April 2016 Shift 2

| | |
|---|---|
| Roll No: | 18344477260108 |
| Participants Name: | VINOTH KUMAR |
| Test Center Name: | Periyar Maniammai University |
| Test Date: | 06/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** A recently discovered bird species named 'Himalayan Forest Thrush' was found in _____.

A. Dehradun
B. Northeast India
C. Uttarakhand
D. Ladakh Region

Question ID : **9888371368**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.2** Leprosy is also known as

A. Angina
B. Hansen's disease
C. Gaucher disease
D. Hodgkin disease

Question ID : **9888371371**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.3** Find the odd one out in relation world heritage sites.

A. Rashtrapati Bhavan
B. Chatrapati Shivaji Terminus
C. Taj Mahal
D. Sun Temple

Question ID : **9888371359**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

**Q.4** One side of a rectangle is 12 m and its diagonal is 13 m. Find its area.

A. 60 sq.m
B. 55 sq.m
C. 50 sq.m
D. 45 sq.m

Question ID : **9888371402**
Status : **Answered**
Chosen Option : **2**

Ans
1. D
2. A
3. B
4. C

Q.5 Who was the coach for U-19 World Cup (2016) held in Bangladesh?

A. Rahul Dravid
B. Virendra Sehwag
C. Sourav Ganguly
D. Anil Kumble

Question ID : **9888371358**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. A
2. D
3. C
4. B

Q.6 **Read the given statements carefully and answer the question.**

**Statement:**

I. Domestic price of petrol has gone down.
II. International price of crude oil has decreased.

A. I is the cause and II is the effect.
B. II is the cause and I is the effect.
C. I and II are independent of each other.
D. I and II are effects of independent causes.

Question ID : **9888371441**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. C
3. D
4. A

Q.7 In a map drawn to a scale of 1 cm = 18.5 km, the distance between places A and B = 22.25 cm. Find the actual distance in kilometer.

A. 411.625
B. 425.615
C. 412.625
D. 405.615

Question ID : **9888371383**
Status : **Answered**
Chosen Option : **2**

Ans
1. C
2. A
3. B
4. D

Q.8 Find the odd one out.

A. Silent valley
B. Silicon valley
C. Indus valley
D. Damodar valley

Question ID : **9888371342**
Status : **Answered**
Chosen Option : **3**

Ans
1. C
2. A
3. B
4. D

Q.9 Who was conferred the Arjuna Award for badminton in 2015?

A. Kidambi Srikanth
B. Saina Nehwal
C. Chetan Anand
D. Rohit Sharma

Question ID : **9888371352**
Status : **Answered**
Chosen Option : **1**

Ans
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

Q.10 If '**you are john**' is written as '**net let fat**', '**who are you**' is '**let wet net**' and '**john is good**' is '**get set fat**', which represents 'is'?

A. set
B. get
C. fat
D. cannot be determined.

Question ID : **9888371413**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

Q.11 Till the end of 2015, India has established _____ research stations in Antarctica.

A. 2
B. 3
C. 4
D. 5

Question ID : **9888371376**
Status : **Answered**
Chosen Option : **1**

Ans
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

Q.12 A train running at 60 kmph crosses a pole in 30 seconds. What is the length of the train?

A. 250 m
B. 750 m
C. 500 m
D. 450 m

Question ID : **9888371393**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

Q.13 Jantar Mantar in Delhi was built by Maharaja _____.

A. Jai Singh I of Jaipur
B. Jai Singh II of Jaipur
C. Ram Singh I
D. Bishan Singh

Question ID : **9888371360**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

Q.14 **A statement followed by some conclusions are given below.**

**Statement:** Customer service cannot be enforced. It has to come from within.

**Conclusions:**

I. Customer service should be voluntary.
II. Employees do not serve customers.

Find which of the given conclusions logically follow from the given statement.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Question ID : **9888371442**
Status : **Answered**
Chosen Option : **1**

Ans
✗ 1. D

✗ 2. C

✓ 3. A

✗ 4. B

Q.15 As per the India State Forest Report 2015, _____ has the largest forest cover in terms of its area.

A. Assam
B. Jammu and Kashmir
C. Madhya Pradesh
D. Arunachal Pradesh

Question ID : **9888371354**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D

✓ 2. C

✗ 3. A

✗ 4. B

Q.16 **9876 + 34.567 - ? = 9908.221**

A. 23.45
B. 234.6
C. 2.345
D. 2.346

Question ID : **9888371385**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A

✗ 2. B

✗ 3. C

✓ 4. D

Q.17 A's share is 2 times that of B whose share is 3 times that of C. Rs. 1800/- is to be given to them in that ratio. B's share is

A. Rs. 1080
B. Rs. 540
C. Rs. 180
D. Rs. 900

Question ID : **9888371388**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

Q.18 **Cell phone : Communication : : Cycle : ?**

A. Walking
B. Gym
C. Mechanization
D. Transportation

Question ID : **9888371418**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D

✗ 2. C

✗ 3. B

✗ 4. A

Q.19 Name the security force which does not fall under Union Home ministry.

A. Sashastra Seema Bal
B. Border Security Force
C. Railway Protection Force
D. Indo-Tibetan Border Police Force

Question ID : **9888371356**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. D

✗ 2. A

✓ 3. C

✗ 4. B

Q.20

Question ID : **9888371367**
Status : **Answered**
Chosen Option : **1**

The greenhouse gas which is called laughing gas is

A. Methane
B. Carbon dioxide
C. Nitrous oxide
D. Sulphur dioxide

Ans
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

Q.21 If $(a + b + c) = 6$ and $a^2 + b^2 + c^2 = 14$, then $(ab + bc + ca) = ?$

Question ID : **9888371401**
Status : **Answered**
Chosen Option : **1**

A. 22
B. 11
C. 33
D. 44

Ans
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

Q.22 Which one is called the dwarf planet?

Question ID : **9888371377**
Status : **Answered**
Chosen Option : **3**

A. Venus
B. Mercury
C. Moon
D. Pluto

Ans
✘ 1. B
✘ 2. C
✔ 3. D
✘ 4. A

Q.23 Major part of biogas is _____.

Question ID : **9888371364**
Status : **Answered**
Chosen Option : **4**

A. Hydrogen
B. Nitrogen
C. Methane
D. Carbon dioxide

Ans
✘ 1. D
✘ 2. A
✘ 3. B
✔ 4. C

Q.24 Mac OS was introduced by

Question ID : **9888371379**
Status : **Answered**
Chosen Option : **1**

A. IBM
B. Microsoft
C. Apple
D. Micromax

Ans
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

Q.25

Question ID : **9888371414**

Find the missing (?) in the series:

**BDACE, GIFHJ, ? , QSPRT.....**

A. LMKNO
B. NLKOM
C. LNKMO
D. KLNOM

Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. D
✘ 4. B

---

**Q.26** Find the least number required to be added to 3105 so that it is exactly divisible by 3, 4, 5 and 6.

A. 95
B. 120
C. 115
D. 105

Question ID : **9888371386**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. D
2. C
3. A
4. B

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

---

**Q.27** Two vessels of equal volume contain milk and water in the ratio 1:3 and 2:1. If they are mixed together, what is the new ratio?

A. 11:13
B. 13:11
C. 9:11
D. 11:9

Question ID : **9888371389**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

---

**Q.28** _____ extinguishes fire.

A. $O_2$
B. $CO_2$
C. $SO_2$
D. $NO_2$

Question ID : **9888371363**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

---

**Q.29** Four pairs of words are given. Find the odd one out.

A. Saturn : Planet
B. Sun : Star
C. Milky Way : Constellation
D. Titan : Satellite

Question ID : **9888371421**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

---

**Q.30**

Question ID : **9888371343**
Status : **Not Attempted**
Chosen Option : **--**

After entering Bangladesh, the main branch of the Ganges is known as

A. Hooghly river
B. Jamuna river
C. Meghna river
D. Padma river

Ans
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

Q.31 The efficiency of work of P and Q are in the ratio 5 : 7. What will be the ratio of number of days taken by them to finish the work?

A. 7 : 5
B. 3 : 4
C. 4 : 3
D. 5 : 7

Question ID : **9888371390**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

Comprehension:

**Consider the following information and answer questions based on it.**

Among 60 students, 12 like only algebra, 13 like only geometry, 10 like only trigonometry, 5 like both algebra and trigonometry, 8 like only physics, 5 like both physics and geometry and the remaining like both algebra and physics.

**SubQuestion No : 32**

Q.32 The number of students who like physics but not geometry is

A. 8
B. 13
C. 15
D. 17

Question ID : **9888371435**
Status : **Answered**
Chosen Option : **2**

Ans
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

Comprehension:

**Consider the following information and answer questions based on it.**

Among 60 students, 12 like only algebra, 13 like only geometry, 10 like only trigonometry, 5 like both algebra and trigonometry, 8 like only physics, 5 like both physics and geometry and the remaining like both algebra and physics.

**SubQuestion No : 33**

Q.33 How many students like more than one subject?

A. 5
B. 10
C. 12
D. 17

Question ID : **9888371434**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

Comprehension:

**Consider the following information and answer questions based on it.**

Among 60 students, 12 like only algebra, 13 like only geometry, 10 like only trigonometry, 5 like both algebra and trigonometry, 8 like only physics, 5 like both physics and geometry and the remaining like both algebra and physics.

SubQuestion No : 34

Q.34 The ratio of students who like algebra to those who like geometry is

A. 12 : 13
B. 4 : 3
C. 17 : 18
D. 17 : 13

Question ID : **9888371433**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

Q.35 Sagar has two daughters, Lata and Asha. Asha's only paternal aunt's son's grandfather is Aniket. How is Sagar related to Aniket's wife?

A. Father
B. Son
C. Grandson
D. Grandfather

Question ID : **9888371423**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

Q.36 If **OWL = 50** and **N = 14**, then **TIME** is

A. 45
B. 47
C. 43
D. 49

Question ID : **9888371410**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

Q.37 In a certain code, '**ride**' = **3218**, '**talk**' = **7564**, '**dirt**' = **4213** and '**like**' = **8562**. Which digit represents 'a'?

A. 9
B. 3
C. 5
D. 7

Question ID : **9888371411**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Q.38 Which of the following is not true in relation to the Global Positioning System?

A. It is a space-based navigation system.
B. It can predict cyclones.
C. It can be used to map vehicular traffic.
D. It can be used for in-car navigation

Question ID : **9888371378**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

Q.39 If the posts of the President and Vice-president fall vacant, who will act as the President of India?

A. Speaker of Lok Sabha
B. Prime Minister of India
C. Chief Justice of India
D. Union Council of Ministers

Question ID : **9888371355**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✓ 2. C

✗ 3. A

✗ 4. D

**Q.40** The average of first three out of four numbers is 18. The average of last three numbers is 14. The sum of first and last number is 16. The last number is

A. 17
B. 13
C. 9
D. 7

Question ID : **9888371408**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** 1. C

2. D

3. A

4. B

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.41** The difference between the ages of two sisters is 2 years when father's age was 52. Father is elder by 2 years to mother. Elder sister's age is half of mother's age. Find the age of younger sister.

A. 27
B. 21
C. 25
D. 23

Question ID : **9888371380**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** ✗ 1. C

✓ 2. D

✗ 3. B

✗ 4. A

**Q.42** The maturity value after three years, of a certain sum at 15% p.a. simple interest, is Rs. 8,700/-. Find the principal amount.

A. Rs. 5,000
B. Rs. 6,000
C. Rs. 5,500
D. Rs. 6,500

Question ID : **9888371395**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

**Q.43** If **PIXIE** is **OHXHD** then **ELEANOR** is

A. DKDAMNQ
B. DDKAMNR
C. DKDANMR
D. DJDAMNQ

Question ID : **9888371412**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. B

✗ 2. D

✗ 3. C

✓ 4. A

**Q.44** The marked prices of big and small note books are Rs. 10 and Rs. 15 respectively. A student bought 5 dozen small and 10 dozen big note books at a total discount of 5%. Find the total discount amount.

A. Rs. 100
B. Rs. 110
C. Rs. 120
D. Rs. 130

Question ID : **9888371396**
Status : **Answered**
Chosen Option : **1**

**Ans** 1. C

2. D

3. A

4. B

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.45** An event happening once in 4 years is described as

A. Biennial
B. Quadrennial
C. Triennial
D. Perennial

Question ID : **9888371341**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. B

✗ 2. D

✗ 3. A

✗ 4. C

Q.46 **Read the following data carefully and answer the question based on it.**

(i) 'A + G' means 'A is mother of G'
(ii) 'A ÷ G' means 'A is daughter of G'
(iii) 'A – G' means 'A is husband of G'
(iv) 'A × G' means 'A is maternal aunt of G'

If L + M × N then how is L related to N?

A. Aunt
B. Mother
C. Daughter
D. Grandmother

Question ID : **9888371422**
Status : **Answered**
Chosen Option : **3**

Ans ✗ 1. B

✗ 2. C

✓ 3. D

✗ 4. A

Q.47 Find the value of $[(525+252)^2 - (525-252)^2] / (525 \times 252)$.

A. 3
B. 4
C. 5
D. 6

Question ID : **9888371384**
Status : **Answered**
Chosen Option : **3**

Ans ✗ 1. C

✗ 2. A

✓ 3. B

✗ 4. D

Q.48 If $2\cos\theta = \sqrt{3}$, $\cos\theta \times \tan\theta$ =?

A. 1
B. $\sqrt{3}/3$
C. $\sqrt{3}/2$
D. 1/2

Question ID : **9888371406**
Status : **Not Attempted**
Chosen Option : **--**

Ans ✗ 1. A

✓ 2. D

✗ 3. B

✗ 4. C

Q.49 A generator converts

A. mechanical energy into electrical energy.
B. electrical energy into chemical energy.
C. thermal energy into electrical energy.
D. electrical energy into light energy.

Question ID : **9888371362**
Status : **Answered**
Chosen Option : **3**

Ans ✗ 1. B

✗ 2. C

✓ 3. A

✗ 4. D

Q.50 A man has equal number of five, ten and twenty rupee notes amounting to Rs. 385. Find the total number of notes?

A. 13
B. 11
C. 15
D. 21

Question ID : **9888371381**
Status : **Answered**
Chosen Option : **2**

Ans 1. C

2. B
3. D
4. A

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

---

**Q.51** Which key combination is used for pasting text in MS Word?

A. Ctrl + v
B. Ctrl + z
C. Alt + r
D. Alt + F4

Question ID : **9888371373**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

---

**Q.52** Find the median of the data set: **1.9, 8.4, 3.6, 5.8**

A. 5.1
B. 4.8
C. 5.2
D. 5.6

Question ID : **9888371407**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** 1. C
2. A
3. B
4. D

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

---

**Q.53** In the following equation, if the mathematical operators '–' and '×' are interchanged then the value of $4 - 6 + 1 \times 15 \div 3$ will be

A. 24
B. 20
C. –5
D. –4

Question ID : **9888371417**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

---

**Q.54** Which one is not a network protocol?

A. SSH
B. HTML
C. PPP
D. POP

Question ID : **9888371372**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

---

**Q.55** The mean of first 11 natural numbers is

A. 5.5
B. 6
C. 6.6
D. 5

Question ID : **9888371409**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

Q.56 National Air Quality Index is determined on the basis of concentration of ____ pollutants.

A. 5
B. 6
C. 7
D. 8

Question ID : **9888371353**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

Q.57 Starting from her house a woman walks 15 km towards South. She turns right and walks 35 km. Again she turns right and walks 15 km. Then she turns left and walks 5 km. How far is her house now?

A. 35
B. 40
C. 50
D. 15

Question ID : **9888371382**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

Q.58 Motion of a spinning 'top' is an example of

A. Centripetal Force
B. Centrifugal Force
C. Gravitational Force
D. Frictional Force

Question ID : **9888371361**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

Q.59 **Read the given statements carefully and answer the question.**

**Statements:**

1. All teachers get angry.
2. Some teachers are sad.
3. Sad people may cry.

Which of the following conclusion is true?

A. All sad people cry.
B. Some teachers may cry.
C. All angry people are teachers.
D. All sad people get angry.

Question ID : **9888371440**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

Q.60 If the mathematical operator '×' means A, '+' means R, '÷' means E and '–' means B, then the value of **24 B 6 E 2 A 9 R 17** is

A. 14
B. –3
C. 17
D. –10

Question ID : **9888371416**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

Q.61 Which one is anti-virus?

A. CodeRed
B. Melissa
C. CryptoLocker
D. Dr.Web

Question ID : **9888371374**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

Q.62 PM inaugurated the XII South Asian Games on 5th February 2016 at

A. Lucknow
B. Guwahati
C. Kolkata
D. Ahmadabad

Question ID : **9888371350**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✘ 1. C
✘ 2. A
✘ 3. D
✔ 4. B

Q.63 Name the chess champion against whom Viswananthan Anand lost in 2014 World Chess Championship.

A. Vladimir Kramnik
B. Veselin Topalov
C. Boris Gelfand
D. Magnus Carlsen

Question ID : **9888371351**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✘ 1. A
✔ 2. D
✘ 3. C
✘ 4. B

Q.64 Which one is different from the other three?

A. Spinach
B. Lentil
C. Coriander
D. Lettuce

Question ID : **9888371420**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

Q.65 Expand $(a-4)^3$

A. $a^3-12a^2+48a+64$
B. $a^3-48a^2+12a-64$
C. $a^3+12a^2-48a-64$
D. $a^3-12a^2+48a-64$

Question ID : **9888371400**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. C
✘ 2. A
✔ 3. D
✘ 4. B

Q.66 B does 50% of a work in 20 days. C joins B and they together finish the remaining work in 4 days. C alone can do the whole work in ___ days.

A. 10
B. 8
C. 12
D. 9

Question ID : **9888371391**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. A
✘ 2. C
✘ 3. D
✘ 4. B

Q.67 Losoong festival is popular in

A. Himachal Pradesh
B. Sikkim
C. Arunachal Pradesh
D. Tripura

Question ID : **9888371346**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✘ 1. A
✘ 2. D
✘ 3. C
✔ 4. B

Q.68 The most popular folk dance of Tamil Nadu

A. Karagam
B. Koodiyattam
C. Yakshagana
D. Kathakali

Question ID : **9888371347**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. B
✘ 2. C
✔ 3. A
✘ 4. D

Q.69 The loss in selling an article for Rs. 1235 was 5%. At what price should it be sold to get a profit of 10%?

A. Rs. 1,335
B. Rs. 1,380
C. Rs. 1,430
D. Rs. 1,300

Question ID : **9888371398**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✘ 1. A
✘ 2. D
✘ 3. B
✔ 4. C

Q.70 If $22x - 40 = 207 + 3x$, then $x$ =?

A. 14
B. 13
C. 12
D. 11

Question ID : **9888371399**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

Q.71 The ratio of two numbers is 4 : 3 and their HCF is 8. Find their LCM.

A. 48
B. 96
C. 64
D. 84

Question ID : **9888371387**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✘ 1. C
✔ 2. B
✘ 3. A

✗ 4. D

**Q.72** The technique used for printing 'RESERVE BANK OF INDIA' appearing on the face of the Indian currency notes is

A. Intaglio printing
B. Micro lettering
C. Latent printing
D. Screen printing

Question ID : **9888371340**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. B
✓ 4. A

**Q.73** The aim of the Civil Disobedience Movement of 1929 was

A. complete disobedience of the orders of the British Government.
B. to protest the Chauri Chaura incident.
C. partial disobedience of the orders of the British Government.
D. to ensure all civil rights of the citizens are granted by the Government.

Question ID : **9888371349**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.74** The British Government agreed to grant independence to India in

A. 1944
B. 1945
C. 1946
D. 1947

Question ID : **9888371348**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.75** Y is R's mother's mother-in-law's only daughter and Q's wife. How is Q related to R?

A. Paternal Uncle
B. Nephew
C. Husband
D. Father

Question ID : **9888371424**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.76** Find the similarity in the following:

**Ginger, Turnip, Carrot, Radish**

A. All are red in colour.
B. All are round in shape.
C. All of them grow above the soil.
D. All are roots.

Question ID : **9888371419**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.77** Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

A. SUVNE
B. APTLE
C. ARMS
D. RUJTIPE

Question ID : **9888371431**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

Q.78 The surface-to-air, Akash missile, was test fired from

A. Sriharikota
B. Abdul Kalam Island
C. Thumba
D. Pokhran

Question ID : **9888371375**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

Q.79 An article was sold at Rs. 920 at a profit of 15%. Find the selling price to get a profit of 20%.

A. Rs. 1,000
B. Rs. 980
C. Rs. 960
D. Rs. 940

Question ID : **9888371397**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

Q.80 Yeast used in making bread

A. acts as a catalyst for fermentation.
B. does not help the process of fermentation.
C. makes it tasty.
D. acts as a preservative.

Question ID : **9888371365**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. B
✓ 3. A
✗ 4. C

Q.81 The area of a triangle is 456 sq.cm and its height is 24 cm. The length of its base is

A. 32
B. 36
C. 34
D. 38

Question ID : **9888371404**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

Q.82 Louis Pasteur was known for discovery of

A. Polio vaccine
B. Chicken pox vaccine
C. Small pox vaccine
D. Rabies vaccine

Question ID : **9888371370**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

Q.83 Find the missing (?) in the series:

**1, 1, 8, 4, 27, 9, ?, 16.....**

Question ID : **9888371415**
Status : **Answered**
Chosen Option : **1**

A. 32
B. 48
C. 64
D. 72

Ans
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

Comprehension:

**Consider the following information and answer questions based on it.**

Seven students J, K, L, M, N, O and P are standing in a row, in random order, from left to right, such that –

1. P, O, K and N do not stand on any of the extreme ends.
2. J is to the immediate left of P and immediate right of O.
3. M is not at the center.
4. K is to the immediate right of N and immediate left of L.

SubQuestion No : 84

Q.84 The student standing to the immediate left of O is

Question ID : **9888371427**
Status : **Answered**
Chosen Option : **3**

A. L
B. J
C. M
D. P

Ans
✘ 1. B
✘ 2. A
✔ 3. C
✘ 4. D

Comprehension:

**Consider the following information and answer questions based on it.**

Seven students J, K, L, M, N, O and P are standing in a row, in random order, from left to right, such that –

1. P, O, K and N do not stand on any of the extreme ends.
2. J is to the immediate left of P and immediate right of O.
3. M is not at the center.
4. K is to the immediate right of N and immediate left of L.

SubQuestion No : 85

Q.85 Who is at the center of the row?

Question ID : **9888371426**
Status : **Answered**
Chosen Option : **2**

A. N
B. J
C. P
D. K

Ans
✘ 1. B
✔ 2. C
✘ 3. A
✘ 4. D

Comprehension:

**Consider the following information and answer questions based on it.**

Seven students J, K, L, M, N, O and P are standing in a row, in random order, from left to right, such that –

1. P, O, K and N do not stand on any of the extreme ends.
2. J is to the immediate left of P and immediate right of O.
3. M is not at the center.
4. K is to the immediate right of N and immediate left of L.

**SubQuestion No : 86**

**Q.86** Who stands fifth from the left of the row?

Question ID : **9888371428**
Status : **Answered**
Chosen Option : **2**

A. K
B. P
C. N
D. J

**Ans** ✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

---

**Q.87** What is the difference between the maturity value of two deposits of Rs.5,000 each invested for 2 years (i) at 5% simple interest and (ii) at the same interest compounded annually?

Question ID : **9888371394**
Status : **Answered**
Chosen Option : **4**

A. Rs. 11.00
B. Rs. 11.50
C. Rs. 12.00
D. Rs. 12.50

**Ans** ✘ 1. A
✘ 2. C
✘ 3. B
✔ 4. D

---

**Q.88** The area of a trapezium is 18 sq.cm. Its height and base are 3 cm and 5 cm respectively. Find the length of the side parallel to the base.

Question ID : **9888371403**
Status : **Not Attempted**
Chosen Option : **--**

A. 4 cm
B. 6 cm
C. 8 cm
D. 7 cm

**Ans** ✘ 1. A
✘ 2. B
✔ 3. D
✘ 4. C

---

**Q.89** There are ___ zones in Indian Railways.

Question ID : **9888371344**
Status : **Answered**
Chosen Option : **4**

A. 8
B. 18
C. 16
D. 12

**Ans** 1. B
2. D
3. A
4. C

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

---

**Comprehension:**

The following table represents the category wise count of books in four local libraries.

| Category | ABL | GHL | MNL | PQL |
|---|---|---|---|---|
| Self-help | 150 | 170 | 200 | 200 |
| Nonfiction | 500 | 600 | 550 | 600 |
| Fiction | 750 | 610 | 700 | 600 |
| Management | 100 | 130 | 100 | 110 |
| Comics | 175 | 100 | 100 | 75 |
| Technical | 115 | 100 | 150 | 200 |

Consider the table and answer questions based on it.

SubQuestion No : 90

Q.90 The self-help books in library GHL is how much less than its fictional books?

Question ID : **9888371439**
Status : **Answered**
Chosen Option : **2**

A. 340
B. 430
C. 440
D. 330

Ans
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

Comprehension:

The following table represents the category wise count of books in four local libraries.

| Category | ABL | GHL | MNL | PQL |
|---|---|---|---|---|
| Self-help | 150 | 170 | 200 | 200 |
| Nonfiction | 500 | 600 | 550 | 600 |
| Fiction | 750 | 610 | 700 | 600 |
| Management | 100 | 130 | 100 | 110 |
| Comics | 175 | 100 | 100 | 75 |
| Technical | 115 | 100 | 150 | 200 |

Consider the table and answer questions based on it.

SubQuestion No : 91

Q.91 Which library has the highest total count of books?

Question ID : **9888371437**
Status : **Answered**
Chosen Option : **1**

A. ABL
B. GHL
C. MNL
D. PQL

Ans
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

Comprehension:

The following table represents the category wise count of books in four local libraries.

| Category | ABL | GHL | MNL | PQL |
|---|---|---|---|---|
| Self-help | 150 | 170 | 200 | 200 |
| Nonfiction | 500 | 600 | 550 | 600 |
| Fiction | 750 | 610 | 700 | 600 |
| Management | 100 | 130 | 100 | 110 |
| Comics | 175 | 100 | 100 | 75 |
| Technical | 115 | 100 | 150 | 200 |

Consider the table and answer questions based on it.

SubQuestion No : 92

Q.92 The difference between the total number of nonfiction and management books of all four libraries is

A. 1850
B. 1810
C. 2250
D. 1800

Question ID : **9888371438**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

Q.93 Evaluate: **(sinθ / cosθ) x (cotθ / cosecθ)**

A. cosθ
B. sinθ
C. tanθ
D. secθ

Question ID : **9888371405**
Status : **Answered**
Chosen Option : **1**

Ans
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

Q.94 **A statement followed by some conclusions are given below.**

**Statement:** Unlike Aryabhata, moon is a natural satellite of the Earth.

**Conclusions:**

I. Aryabhatta is not a satellite.
II. Moon is star and Aryabhatta is a satellite.

Find which of the given conclusions logically follow from the given statement.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Question ID : **9888371429**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

Q.95 The recently approved, LIGO-India project, is related to

A. Research on use of solar energy
B. Research on laser technologies
C. Research on gravitational waves
D. Research on relocation of lions

Question ID : **9888371369**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

Q.96

Question ID : **9888371430**
Status : **Answered**
Chosen Option : **1**

**Statements followed by some conclusions are given below.**

**Statements:**

1. Medical profession has become the most unethical.
2. People are afraid of falling sick

**Conclusions:**

I. Medical is the only unethical profession.

II. Unethical people fall sick.

Find which of the given conclusions logically follow from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Ans
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

---

Q.97 Name of the 8th UN Secretary General is

A. B. Ghali
B. Kofi A. Annan
C. Ban Ki-moon
D. Dr. Jim Yong Kim

Question ID : **9888371357**
Status : **Answered**
Chosen Option : **4**

Ans
✘ 1. D
✘ 2. A
✘ 3. B
✔ 4. C

---

Q.98 K walked at 3 kmph for a certain distance with L and thereafter at 6 kmph with M to cover a total distance of 27 km in 7 hours. Find the distance travelled with M.

A. 15 km
B. 12 km
C. 10 km
D. 9 km

Question ID : **9888371392**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

---

Q.99 Who is considered to be the 'father of modern genetics'?

A. Charles Darwin
B. Gregor Mendel
C. Alexander Fleming
D. Otto Hahn

Question ID : **9888371366**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

---

Q.100 Name the country whose currency is not called 'Rupee'.

A. Nepal
B. Pakistan
C. Sri Lanka
D. Myanmar

Question ID : **9888371345**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. A
✘ 2. B
✔ 3. D

✗ 4. C

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 9th April 2016 Shift 3

| | |
|---|---|
| Roll No: | 12321271310129 |
| Participants Name: | VIJAY SINGH |
| Test Center Name: | Institute of Engineering and Technology |
| Test Date: | 09/04/2016 |
| Test Time: | 4:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** यदि x = 7, y = 4, z = 9 है, तो निम्नलिखित में से कौन सा सही हैं?

Question ID : **2055232222**
Status : **Answered**
Chosen Option : **3**

**I.** x + y + z = 20
**II.** x - y + z = 13
**III.** x + y - z = 3
**IV.** -x + y - z = -12

A. I और II
B. III और IV
C. I और IV
D. I और III

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.2** एक धनराशि को एक निश्चित ब्याज दर पर 2 वर्षों के लिए निवेश किया गया। यदि उस धनराशि को 5% ज्यादा ब्याज दर पर निवेश किया गया होता, तो 200 रूपये ज्यादा प्राप्त होते। धनराशि ज्ञात कीजिए?

Question ID : **2055232217**
Status : **Not Attempted**
Chosen Option : **--**

A. 3000 रूपये
B. 2600 रूपये
C. 5000 रूपये
D. 2000 रूपये

**Ans**
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

**Q.3** दुनिया का पहला प्रोग्रामर किसे माना जाता है?

Question ID : **2055232173**
Status : **Answered**
Chosen Option : **4**

A. एलन ट्यूरिंग (Alan Turing)
B. ऐडा लवलेस (Ada Lovelace)
C. टिम बरनर्स - ली (Tim Berners-Lee)
D. स्टीव वोज़्निएक (Steve Wozniak)

**Ans**
✗ 1. D
✓ 2. B
✗ 3. A

✗ 4. C

**Q.4** किस देश ने विदेशी फिल्मों की श्रेणी में आज तक अधिकतम ऑस्कर पुरस्कार जीते हैं?

A. इटली
B. फ्रांस
C. जापान
D. स्पेन

Question ID : **2055232184**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. D
✗ 4. C

**Q.5** 30 वस्तुओं का क्रय मूल्य 40 वस्तुओं के विक्रय मूल्य के बराबर है। बिक्री में हुए लाभ या हानि का% ज्ञात कीजिए?

A. 20% हानि
B. 25% लाभ
C. 25% हानि
D. 20% लाभ

Question ID : **2055232219**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.6** दबाव की एस. आई. (SI) इकाई क्या है?

A. प्रति वर्ग सेंटीमीटर न्यूटन (Newton per square centimeter)
B. न्यूटन - वर्ग मीटर (Newton - square meter)
C. न्यूटन प्रति वर्ग मीटर (Newton per square meter)
D. न्यूटन - वर्ग सेंटी मीटर (Newton - square centimeter)

Question ID : **2055232172**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.7** नक्शे के अध्ययन को क्या कहा जाता है?

A. कैलीग्राफी (Calligraphy)
B. जोग्रफी (Geography)
C. जीयोलोजी (Geology)
D. कार्टोग्राफी (Cartography)

Question ID : **2055232193**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

**Q.8** किस भारतीय राज्य ने भारत नेट सेवा लागू करने का फैसला किया है जो ऑप्टिकल फाइबर के माध्यम से सभी ग्राम पंचायतों को कनेक्ट करेगा?

A. महाराष्ट्र
B. पंजाब
C. तमिलनाडु
D. उत्तर प्रदेश

Question ID : **2055232177**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

**Q.9** एक साइकिल का पहियाँ 44 कि.मी. में 5000 चक्कर पूरे करता है। पहियें की त्रिज्या ज्ञात कीजिए? (π=22/7)

A. 140 से.मी.
B. 270 से.मी.
C. 70 से.मी.
D. 120 से.मी.

Question ID : **2055232227**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

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**Q.10** निम्नलिखित संख्याओं में कितनी संख्याएं 175 से पूर्णत: विभाजित हैं :- 500, 875, 1575, 1915, 2625, 2850, 3325, 4335

A. 4
B. 5
C. 6
D. 7

Question ID : **2055232203**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✘ 2. B
✔ 3. A
✘ 4. C

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**Q.11** 'D', 'F' का बेटा है। 'E', 'F' की बहन है, और उसका बेटा 'A' और बेटी 'X' है। यदि 'B', 'A' का मामा है; तो 'D', 'B' से किस प्रकार से संबंधित है?

A. चचेरा/ममेरा भाई
B. भतीजा/भांजा
C. मामा
D. भाई

Question ID : **2055232246**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. A
✘ 2. C
✔ 3. B
✘ 4. D

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**Q.12** रेलगाड़ियों के संबंध में संक्षिप्त नाम RLWL का पूरा नाम क्या है?

A. रिग्रेट लोस वेटिंग लिस्ट (Regret Loss Waiting List)
B. रिमोट लोकेशन वेटिंग लिस्ट (Remote Location Waiting List)
C. रेलवे लोकेशन वेटिंग लिस्ट (Railway Location Waiting List)
D. रेलवे लिस्ट वेटिंग लोक्ड (Railway List Waiting Locked )

Question ID : **2055232197**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✔ 2. B
✘ 3. C
✘ 4. D

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**Q.13** 2015 में, विज्ञान और आध्यात्म में योगदान के लिए यूरोपीय परमाणु अनुसंधान संगठन (CERN) द्वारा निम्नलिखित में से किसे सम्मानित किया गया था?

A. ज्ञालवांग द्रुक्पा (Gyalwang Drukpa)
B. दलाई लामा (Dalai Lama)
C. मत्थिएउ रिचर्ड (Matthieu Richard)
D. सोग्यल रिपोके (Sogyal Ripoche)

Question ID : **2055232170**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✘ 2. B
✔ 3. A
✘ 4. D

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**Q.14**

Question ID : **2055232228**
Status : **Answered**

tan(210°) का ज्ञात कीजिये|

Chosen Option : **2**

A. 1/√3
B. -1/√3
C. -1
D. 1

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.15** 15 आदमी एक काम को 330 दिनों में कर सकते हैं। परन्तु 220 दिनों बाद 15 आदमी और भर्ती कर लिए जाते हैं, तो कितने और दिनों में काम पूरा हो जाएगा?

A. 80 दिनों में
B. 60 दिनों में
C. 55 दिनों में
D. 50 दिनों में

Question ID : **2055232213**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

**Q.16** यदि पत्थर को नीला कहा जाता है, नीले को पानी कहा जाता है, पानी को पेड़ कहा जाता है, पेड़ को बैग कहा जाता है, बैग को इंद्रधनुष कहा जाता है और इंद्रधनुष को आकाश कहा जाता है तो किताबें ले जाने के लिए किसका प्रयोग किया जाता है?

A. पेड़
B. इंद्रधनुष
C. आकाश
D. पानी

Question ID : **2055232236**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.17** इंदिरा गांधी मेमोरियल ट्यूलिप गार्डन कहाँ पर है?

A. चंडीगढ़
B. मैसूर
C. श्रीनगर
D. दार्जिलिंग

Question ID : **2055232164**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.18** निम्नलिखित भिन्न अंकों को आरोही क्रम में कीजिये :-

A. 11/17 < 41/63 < 3/7 < 21/29
B. 41/63 < 3/7 < 21/29 < 11/17
C. 3/7 < 11/17 < 41/63 < 21/29
D. 3/7 < 11/17 < 21/29 < 41/63

Question ID : **2055232207**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. C
✗ 2. A

✗ 3. D

✗ 4. B

**Q.19** निम्नलिखित में से कौन सी धातु पारदधातु मिश्रण का गठन करती है जब इसे किसी धातु के साथ मिश्रित किया जाता है?

A. एल्युमिनियम
B. सोना
C. चांदी
D. पारा

Question ID : **2055232192**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. C
✗ 4. A

**Q.20** आंध्र प्रदेश राज्य की राजधानी कौन सी है?

A. हैदराबाद
B. अमरावती
C. विजयवाड़ा
D. तिरुपति

Question ID : **2055232167**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.21** 10, 9, 8, 7, 10, 16 का माध्य (mean) ज्ञात कीजिए|

A. 6
B. 11
C. 12
D. 10

Question ID : **2055232232**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.22** एक कमरे की लम्बाई, चौड़ाई और ऊंचाई का अनुपात 3 : 2 : 1 है। यदि इसका आयतन 3072 घन मीटर है, तो इसकी चौड़ाई ज्ञात कीजिए|

A. 18 मीटर
B. 16 मीटर
C. 24 मीटर
D. 12 मीटर

Question ID : **2055232226**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.23** निम्नलिखित में से कंप्यूटर के लिए कौन सा डिवाइस एक इनपुट डिवाइस नहीं है?

A. कीबोर्ड
B. माउस
C. स्कैनर
D. मॉनिटर

Question ID : **2055232198**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C

✗ 3. B

✓ 4. D

**Q.24** एक लड़की की तरफ इशारा करते हुए सुनील ने कहा, "उसकी माँ का भाई मेरी माँ के पिता का एकलौता बेटा है और भाई की केवल एक ही बहन है"। लड़की की माँ का सुनील से क्या रिश्ता है?

Question ID : **2055232247**
Status : **Answered**
Chosen Option : **2**

A. मामी (Maternal Aunt)
B. बहन
C. माँ
D. दादी/नानी

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Comprehension:**

**नीचे दी गई जानकारियों पर विचार करें और इस पर आधारित निम्नलिखित प्रश्नों के उत्तर दें।**

नीले, हरे, काले, लाल और सफेद रंग के पांच अलग-अलग बॉक्स बाएं से दाएं अनियमित क्रम में इस प्रकार रखे गए हैं कि -

1. काला बॉक्स अंतिम किनारों पर नहीं है।
2. सफेद बॉक्स दाएं छोर से दूसरा है।
3. लाल और काले बॉक्स के बीच दो बॉक्स तथा नीले और लाल बॉक्स के बीच में एक बॉक्स है।

**SubQuestion No : 25**

**Q.25** बाएं से पहला कौन सा बॉक्स है?

Question ID : **2055232250**
Status : **Answered**
Chosen Option : **2**

A. लाल
B. सफेद
C. नीला
D. हरा

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Comprehension:**

**नीचे दी गई जानकारियों पर विचार करें और इस पर आधारित निम्नलिखित प्रश्नों के उत्तर दें।**

नीले, हरे, काले, लाल और सफेद रंग के पांच अलग-अलग बॉक्स बाएं से दाएं अनियमित क्रम में इस प्रकार रखे गए हैं कि -

1. काला बॉक्स अंतिम किनारों पर नहीं है।
2. सफेद बॉक्स दाएं छोर से दूसरा है।
3. लाल और काले बॉक्स के बीच दो बॉक्स तथा नीले और लाल बॉक्स के बीच में एक बॉक्स है।

**SubQuestion No : 26**

**Q.26** निम्नलिखित में से कौन का कथन सत्य है?

Question ID : **2055232251**
Status : **Answered**
Chosen Option : **1**

A. काला बॉक्स बाएं से दूसरा है।
B. सफेद बॉक्स बाएं से दूसरा है।
C. हरा बॉक्स बाएं से तीसरा है।
D. सफेद बॉक्स दाएं से तीसरा है।

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Comprehension:**

**नीचे दी गई जानकारियों पर विचार करें और इस पर आधारित निम्नलिखित प्रश्नों के उत्तर दें।**

नीले, हरे, काले, लाल और सफेद रंग के पांच अलग-अलग बॉक्स बाएं से दाएं अनियमित क्रम में इस प्रकार रखे गए हैं कि -

1. काला बॉक्स अंतिम किनारों पर नहीं है।
2. सफेद बॉक्स दाएं छोर से दूसरा है।
3. लाल और काले बॉक्स के बीच दो बॉक्स तथा नीले और लाल बॉक्स के बीच में एक बॉक्स है।

**SubQuestion No : 27**

**Q.27** पंक्ति के बीच में कौन सा बॉक्स है?

Question ID : **2055232249**
Status : **Answered**
Chosen Option : **1**

A. काला
B. नीला
C. हरा
D. लाल

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.28** वर्ष 2015 में साहित्य का नोबेल पुरस्कार किसने जीता था?

Question ID : **2055232191**
Status : **Answered**
Chosen Option : **3**

A. पैट्रिक मोडिएनो (Patrick Modiano)
B. स्वेतलाना एलेक्सविक (Svetlana Alexievich)
C. एलिस मुनरो (Alice Munro)
D. मो यान (Mo Yan)

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.29** नर्मदा नदी का उद्गम स्थल कौन सा है?

Question ID : **2055232174**
Status : **Answered**
Chosen Option : **4**

A. अमरकंटक पहाड़ियां
B. सहयाद्री पहाड़ियां
C. मैकाल पहाड़ियां
D. नीलगिरी पहाड़ियां

**Ans**
✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

**Q.30** एक प्रश्न और तीन कथनों को (I), (II) और (III) क्रमांक दिये हैं। आपको तय करना है कि क्या कथनों में दिये गए तथ्य नीचे दिये गए प्रश्न का उत्तर देने के लिए पर्याप्त हैं?

Question ID : **2055232264**
Status : **Answered**
Chosen Option : **3**

**प्रश्न:** आयत की लंबाई क्या है?
**कथन:**
I. आयत का परिमाप 80 मीटर है।
II. आसन्न भुजाओं का योग 40 मीटर है।
III. आयत की चौड़ाई 10 मीटर है।
सही विकल्प चुनें।

A. केवल I पर्याप्त है।
B. केवल I और II पर्याप्त हैं।
C. III तथा I या II में से एक पर्याप्त हैं।
D. II तथा I या III में से एक पर्याप्त हैं।

Ans
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.31** एक निश्चित कोड में 'STARE' को '19201185' लिखा जाता है, तो उसी कोड में 'MOULD' को किस प्रकार लिखा जाएगा?

A. 132115124
B. 131215214
C. 131521124
D. 131512214

Question ID : **2055232233**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.32** 2016 ग्रीष्मकालीन ओलंपिक की मेजबानी कौन सा शहर करेगा?

A. सियोल (Seoul)
B. रियो डी जनेरियो (Rio de Janeiro)
C. लंदन (London)
D. टोक्यो (Tokyo)

Question ID : **2055232182**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Q.33** 32 आदमी प्रतिदिन 6 घंटे काम करके एक काम को 10 दिनों में पूरा कर सकते है। प्रतिदिन 10 घंटे काम करके इस काम को 12 दिनों में समाप्त करने के लिए कितने आदमियों की आवश्यकता है?

A. 15
B. 16
C. 17
D. 18

Question ID : **2055232214**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.34** यदि 234***A***, 9 से विभाजित होती है, तो सबसे छोटी प्राकृतिक संख्या ***A*** का मान ज्ञात कीजिए?

A. 5
B. 6
C. 7
D. 9

Question ID : **2055232204**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

**Q.35** एक व्यापारी ने एक वस्तु पर 50% अधिक मूल्य अंकित किया तथा बाद में उस पर 20% की छूट दी। छूट देने के बाद व्यापारी को कितने प्रतिशत लाभ मिला?

A. 30%
B. 125%
C. 25%
D. 20%

Question ID : **2055232220**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Q.36 निम्नलिखित में समानता का पता लगाएं:
**टमाटर, अमरूद, तरबूज, संतरा**

A. ये सभी फल हैं।
B. ये सभी लाल रंग के होते हैं।
C. इनके अंदर बड़े बीज होते हैं।
D. यह भारत में सभी मौसमों में मिलते हैं।

Question ID : **2055232243**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

Q.37 भारत का प्रधानमंत्री बनने के लिए आवश्यक न्यूनतम उम्र क्या है?

A. 21 साल
B. 25 साल
C. 30 साल
D. 35 साल

Question ID : **2055232187**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

Q.38 SONAR का पूरा नाम क्या है?

A. साउंड न्यूट्रलाइजेशन एंड रैन्गिंग (Sound Neutralization and Ranging)
B. साउंड नविगटिंग एंड रीचिंग (Sound Navigating and Reaching)
C. साउंड नेविगेशन एंड रैन्गिंग (Sound Navigation and Ranging)
D. साउंड न्यूट्रलाइजेशन एंड रीचिंग (Sound Neutralization and Reaching)

Question ID : **2055232201**
Status : **Answered**
Chosen Option : **4**

Ans
✘ 1. A
✘ 2. B
✔ 3. C
✘ 4. D

Q.39 निम्नलिखित में से कौन सी गैस अक्रिय गैस नहीं है?

A. हीलियम
B. नीयोन
C. रेडोन
D. हाइड्रोजन

Question ID : **2055232190**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. A
✘ 2. C
✘ 3. B
✔ 4. D

Q.40

Question ID : **2055232265**
Status : **Answered**

Chosen Option : **2**

**निम्नलिखित अंश को पढ़ें और इस पर आधारित प्रश्नों के उत्तर दें।**

जलवायु परिवर्तन के मौसमी पैटर्न प्रभावित होने करने के कारण, जल प्रबंधन और वितरण महत्वपूर्ण हो गया है। इन दिनों में शहरी क्षेत्रों में वर्षा के जल का संचयन विशेष रूप से बहुत महत्वपूर्ण हो गया है। इस क्रिया में बाद में उपयोग करने के लिए वर्षा के जल का संग्रह करना और उसका भंडारण करना शामिल है। यह भूजल-स्तर का पुनर्भरण करता है, मानसून के दौरान पानी के अपवाह को रोकता है, मिट्टी का कटाव कम करता है और पीने के पानी की उपलब्धता में मदद करता है। इन सबसे ज्यादा, यह जल संरक्षण की पद्धति को बढ़ावा देता है|

यह पैराग्राफ निम्नलिखित में से किस कथन का सबसे ज्यादा समर्थन करता है?

A. जलवायु परिवर्तन ने मानवता पर प्रतिकूल प्रभाव डाला है।
B. वन भूजल-स्तर को बनाए रखने में मदद करते हैं।
C. वर्षा जल संचयन समय की मांग है।
D. शहरी क्षेत्रों के लिए पर्याप्त पानी के भंडार नहीं हैं।

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

---

**Q.41** यदि **A=1, BE = 7 हो तो CUT =?**

Question ID : **2055232234**
Status : **Answered**
Chosen Option : **2**

A. 43
B. 44
C. 45
D. 42

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

---

**Comprehension:**

निम्नांकित सारणी चार दोस्तो U, K, V और G द्वारा सोमवार से शुक्रवार तक उनके सुबह की सैर के दौरान तय की गई दूरी को (कि.मी. में) दर्शाती है।

निम्नलिखित जानकारी पर विचार करें और इस पर आधारित निम्नलिखित प्रश्नों के उत्तर दें।

| | सोमवार | मंगलवार | बुधवार | गुरूवार | शुक्रवार |
|---|---|---|---|---|---|
| U | 6 | 5 | 4.5 | 5.5 | 4 |
| K | 4 | 4.5 | 3 | 3.5 | 5 |
| V | 4 | 4 | 4.5 | 5 | 5.5 |
| G | 5 | 4.5 | 5 | 5.5 | 6 |

**SubQuestion No : 42**

**Q.42** पांच दिनो में सबसे कम औसत दूरी किसने तय की?

Question ID : **2055232262**
Status : **Answered**
Chosen Option : **1**

A. U
B. G
C. K
D. V

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

---

**Comprehension:**

निम्नांकित सारणी चार दोस्तो U, K, V और G द्वारा सोमवार से शुक्रवार तक उनके सुबह की सैर के दौरान तय की गई दूरी को (कि.मी. में) दर्शाती है।

निम्नलिखित जानकारी पर विचार करें और इस पर आधारित निम्नलिखित प्रश्नों के उत्तर दें।

| | सोमवार | मंगलवार | बुधवार | गुरूवार | शुक्रवार |
|---|---|---|---|---|---|
| U | 6 | 5 | 4.5 | 5.5 | 4 |
| K | 4 | 4.5 | 3 | 3.5 | 5 |
| V | 4 | 4 | 4.5 | 5 | 5.5 |
| G | 5 | 4.5 | 5 | 5.5 | 6 |

**SubQuestion No : 43**

Q.43 सोमवार से शुक्रवार तक किसने अधिकतम दूरी तय की?

Question ID : **2055232260**
Status : **Answered**
Chosen Option : **3**

A. K
B. U
C. V
D. G

Ans
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Comprehension:**

निम्नांकित सारणी चार दोस्तो U, K, V और G द्वारा सोमवार से शुक्रवार तक उनके सुबह की सैर के दौरान तय की गई दूरी को (कि.मी. में) दर्शाती है।

निम्नलिखित जानकारी पर विचार करें और इस पर आधारित निम्नलिखित प्रश्नों के उत्तर दें।

| | सोमवार | मंगलवार | बुधवार | गुरूवार | शुक्रवार |
|---|---|---|---|---|---|
| U | 6 | 5 | 4.5 | 5.5 | 4 |
| K | 4 | 4.5 | 3 | 3.5 | 5 |
| V | 4 | 4 | 4.5 | 5 | 5.5 |
| G | 5 | 4.5 | 5 | 5.5 | 6 |

**SubQuestion No : 44**

Q.44 चारों दोस्तों द्वारा तय की गई कुल अधिकतम दूरी किस दिन थी?

Question ID : **2055232261**
Status : **Answered**
Chosen Option : **1**

A. सोमवार
B. मंगलवार
C. गुरूवार
D. शुक्रवार

Ans
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

Q.45

Question ID : **2055232241**
Status : **Answered**
Chosen Option : **3**

यदि **राजगीर : पत्थर** तो **बढ़ई** :?

A. आरा
B. फर्नीचर
C. लकड़ी
D. स्टील

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

---

**Q.46** तीन संख्याओं का योगफल 245 है। यदि पहली और दूसरी संख्या का अनुपात 2:3 तथा दूसरी और तीसरी संख्या का अनुपात 5:8 है, तो दूसरी संख्या ज्ञात कीजिए:

A. 50
B. 75
C. 90
D. 120

Question ID : **2055232211**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

---

**Q.47** विश्व एड्स (AIDS) दिवस हर साल कब मनाया जाता है?

A. 1 दिसंबर
B. 1 जनवरी
C. 14 फरवरी
D. 8 मार्च

Question ID : **2055232169**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

---

**Q.48** इसरो द्वारा निर्मित पहला मानवरहित उपग्रह कौन सा था?

A. भास्कर - I
B. आर्यभट्ट
C. रोहिणी
D. मेघा

Question ID : **2055232178**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

---

**Q.49** भारत की राजधानी को किस शहर से दिल्ली ले जाया गया था?

A. बम्बई
B. मद्रास
C. कलकत्ता
D. मैसूर

Question ID : **2055232165**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

**Q.50** निम्नलिखित अव्यवस्थित वाक्य को एक सार्थक वाक्य बनाने के लिए इसे व्यवस्थित करें:

Question ID : **2055232253**
Status : **Not Attempted**
Chosen Option : **--**

**It _____**

1. **to protect**
2. **is**
3. **the forests of the country**
4. **our duty**

उचित क्रम होना चाहिए:

A. 2143
B. 2134
C. 2314
D. 2413

**Ans** ✗ 1. B

✗ 2. C

✓ 3. D

✗ 4. A

**Q.51** गणना कीजिए :

Question ID : **2055232208**
Status : **Not Attempted**
Chosen Option : **--**

$$\frac{40.7 \times 40.7 \times 40.7 + 1}{40.7 \times 40.7 - 40.7 + 1}$$

A. 417
B. 4.17
C. 41.7
D. 441.7

**Ans** ✓ 1. C

✗ 2. D

✗ 3. B

✗ 4. A

**Q.52** इंटरनेट की किस दिग्गज कंपनी ने तेलंगाना में ग्रामीण सेल्फ हेल्प ग्रुप (SHG) को सशक्त बनाने के लिए अपने उत्पादों का ऑनलाइन प्रचार करने के लिए प्रशिक्षण कार्यक्रम की शुरुवात की है?

Question ID : **2055232179**
Status : **Not Attempted**
Chosen Option : **--**

A. अमेज़ोन (Amazon)
B. फ्लिपकार्ट (Flipkart)
C. फेसबुक (Facebook)
D. ट्विटर (Twitter)

**Ans** ✓ 1. C

✗ 2. B

✗ 3. A

✗ 4. D

**Q.53** निम्नलिखित शृंखला में अगली संख्या कौन सी होगी?

Question ID : **2055232237**
Status : **Not Attempted**
Chosen Option : **--**

**3, 4, 9, 16, 27, 64, 81, ...**

A. 243
B. 256
C. 324
D. 356

**Ans**

✔ 1. B

✘ 2. D

✘ 3. A

✘ 4. C

**Q.54** यदि विनय 2 कि.मी./घंटा की अधिक गति से चला होता तो वह 4 कि.मी. तय करने में 10 मिनट कम समय लेता, विनय की गति ज्ञात कीजिए?

A. 7 कि.मी./घंटा
B. 5 कि.मी./घंटा
C. 4 कि.मी./घंटा
D. 6 कि.मी./घंटा

Question ID : **2055232215**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✔ 1. D

✘ 2. B

✘ 3. C

✘ 4. A

**Q.55** हमारे वातावरण में कितने प्रतिशत नाइट्रोजन है?

A. 78%
B. 72%
C. 21%
D. 28%

Question ID : **2055232186**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✘ 1. C

✘ 2. D

✘ 3. B

✔ 4. A

**Q.56** एक व्यक्ति एक यात्रा में पहले 200 कि.मी. की दूरी को 50 कि.मी./घंटा की गति से तथा अगले 200 कि.मी. की दूरी को 70 कि.मी./घंटा की गति से तय करता है। 400 कि.मी. की यात्रा में उसकी औसत गति ज्ञात कीजिए|

A. 56.5 कि.मी./घंटा
B. 60.6 कि.मी./घंटा
C. 64.6 कि.मी./घंटा
D. 58.3 कि.मी./घंटा

Question ID : **2055232216**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✘ 1. B

✘ 2. C

✔ 3. D

✘ 4. A

**Q.57** एक प्रश्न और तीन कथनों को (I), (II) और (III) क्रमांक दिये हैं। आपको तय करना है कि क्या कथनों में दिये गए तथ्य नीचे दिये गए प्रश्न का उत्तर देने के लिए पर्याप्त हैं?

**प्रश्न:** एक वृत्त में पांच लोग A, B, C, D और E एक-दूसरे की तरफ मुंह करके बैठे हैं। E किनके बीच में बैठा है?

**कथन:**

I. B के बाएं और A के दाएं बैठा व्यक्ति एक ही है।
II. D, B के दाएं बैठा है।
III. A, E और C के बीच में बैठा है।

सही विकल्प चुनें।

A. केवल I और II पर्याप्त हैं।
B. केवल I और III पर्याप्त हैं।
C. केवल III पर्याप्त है।
D. तथ्य अपर्याप्त हैं।

Question ID : **2055232263**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✘ 1. A

✘ 2. B

✔ 3. D

✘ 4. C

**Q.58**

Question ID : **2055232238**
Status : **Not Attempted**
Chosen Option : **--**

दिए गए विकल्पों में से नहीं दिया गया पद ज्ञात कीजिये|

**KDD, MFF, OHH,?, SLL**

A. PJJ
B. PKK
C. QJJ
D. QKK

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.59** अंतरिक्ष में यात्रा करने वाला पहला भारतीय कौन था?

Question ID : **2055232199**
Status : **Not Attempted**
Chosen Option : **--**

A. राकेश शर्मा
B. कल्पना चावला
C. सुनीता विलियम्स
D. रवीश मल्होत्रा

**Ans**
✗ 1. B
✓ 2. A
✗ 3. D
✗ 4. C

**Q.60** निम्नलिखित विकल्पों में से वह जोड़ा ज्ञात करें जो नीचे दिये गए जोड़े की तरह संबंधित है।
**ऊपर : नीचे**

Question ID : **2055232244**
Status : **Not Attempted**
Chosen Option : **--**

A. पानी : बालू
B. समुंद्र : झील
C. अच्छा : बुरा
D. मधुमक्खी : बाक्स

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

**Q.61** भारत के संविधान के अनुसार निम्नलिखित में से कौन सा एक मौलिक अधिकार नहीं है?

Question ID : **2055232188**
Status : **Not Attempted**
Chosen Option : **--**

A. स्वतंत्रता का अधिकार
B. जीने का अधिकार
C. समानता का अधिकार
D. देश की रक्षा का अधिकार

**Ans**
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

**Q.62**

Question ID : **2055232194**
Status : **Not Attempted**
Chosen Option : **--**

आयोडीन की कमी के कारण कौन सा रोग होता है?

A. रतौंधी (Night Blindness)
B. गण्डमाला (Goitre)
C. रुसी (Scurvy)
D. सूखंडी (Rickets)

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.63** दो संख्याओं का योगफल 119 है तथा उनका HCF 17 और LCM 170 है, तो संख्याओं के व्युत्क्रम का योग _____ है।

A. $\frac{119}{501}$
B. $\frac{501}{119}$
C. $\frac{7}{170}$
D. $\frac{170}{7}$

Question ID : **2055232210**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.64** IBSF विश्व स्नूकर चैम्पियनशिप 2015 किसने जीती थी?

A. गीत सेठी
B. पंकज अडवाणी
C. आदित्य मेहता
D. हमजा अकबर

Question ID : **2055232202**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Q.65** 10, 21, 5, 1, 3, 17, 19, 2 की रेंज (range) ज्ञात कीजिये।

A. 19
B. 10
C. 20
D. 17

Question ID : **2055232230**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.66**

Question ID : **2055232252**
Status : **Not Attempted**
Chosen Option : **--**

निम्नलिखित अव्यवस्थित वाक्य को एक सार्थक वाक्य बनाने के लिए इसे व्यवस्थित करें:

**He _____**

**J: a popular tennis player**

**K: but**

**L: is also**

**M: is ranked No.1 in badminton**

उचित क्रम होना चाहिए:

A. MLKJ
B. MKLJ
C. LJKM
D. LMKJ

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

---

**Comprehension:**

**निम्नलिखित जानकारियों पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

100 व्यक्तियों में से 35 केवल कॉफी पसन्द करते हैं, 40 केवल चाय पसन्द करते हैं, 15 चाय और कॉफी दोनों पसन्द करते हैं और 10 केवल दूध पसन्द करते हैं।

**SubQuestion No : 67**

**Q.67** चाय और कॉफी दोनों पसन्द करने वाले तथा कॉफी पसन्द करने वाले व्यक्तियों का अनुपात कितना है?

A. 3/8
B. 2/3
C. 3/7
D. 3/2

Question ID : **2055232257**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

---

**Comprehension:**

**निम्नलिखित जानकारियों पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

100 व्यक्तियों में से 35 केवल कॉफी पसन्द करते हैं, 40 केवल चाय पसन्द करते हैं, 15 चाय और कॉफी दोनों पसन्द करते हैं और 10 केवल दूध पसन्द करते हैं।

**SubQuestion No : 68**

**Q.68** दूध पसन्द करने वाले और चाय पसन्द करने वाले व्यक्तियों का अनुपात कितना है?

A. 1/4
B. 2/11
C. 2/7
D. 1/2

Question ID : **2055232258**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Comprehension:**

**निम्नलिखित जानकारियों पर विचार करें और इस पर आधारित प्रश्नों के उत्तर दें।**

100 व्यक्तियों में से 35 केवल कॉफी पसन्द करते हैं, 40 केवल चाय पसन्द करते हैं, 15 चाय और कॉफी दोनों पसन्द करते हैं और 10 केवल दूध पसन्द करते हैं।

**SubQuestion No : 69**

**Q.69**

Question ID : **2055232256**

कुल व्यक्तियों में से चाय पसन्द करने वाले व्यक्तियों का प्रतिशत कितना है?

Status : **Not Attempted**
Chosen Option : **--**

A. 50%
B. 55%
C. 40%
D. 35%

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.70** भगत सिंह और उसके साथियों ने किसका बदला लेने के लिए ब्रिटिश अधिकारी जॉन सॉन्डर्स (John Saunders) की हत्या की थी?

Question ID : **2055232166**
Status : **Not Attempted**
Chosen Option : **--**

A. रामप्रसाद बिस्मिल की मौत।
B. चौरी चौरा की घटना में ग्रामीणों की मौत।
C. लाला लाजपत राय की मौत।
D. जलियांवाला बाग में नरसंहार।

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.71** गोपाल की माता मोहित के पिता के बेटे की पत्नी हैं। मोहित का कोई भाई या बहन नहीं है। गोपाल और मोहित किस प्रकार संबंधित हैं?

Question ID : **2055232245**
Status : **Not Attempted**
Chosen Option : **--**

A. पिता - पुत्र
B. चाचा - भतीजा (Nephew)
C. बेटा - पिता
D. पौता - दादा (Grandfather)

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.72** दो संख्याओं का HCF और LCM क्रमशः 19 और 342 है, यदि एक संख्या को 2 से विभाजित करने पर भागफल 19 आता है, तो दूसरी संख्या ज्ञात कीजिए|

Question ID : **2055232209**
Status : **Not Attempted**
Chosen Option : **--**

A. 133
B. 171
C. 198
D. 114

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

**Q.73** यदि J का अर्थ '×', K का अर्थ '+', L का अर्थ '÷' और M का अर्थ '-' है, तो **1K9L7J7L3M5** का मान बताएं।

Question ID : **2055232239**
Status : **Not Attempted**
Chosen Option : **--**

A. 1
B. -1
C. 3
D. -5

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.74** नवीनतम जनगणना के अनुसार किस भारतीय राज्य का जनसंख्या घनत्व सबसे कम है?

Question ID : **2055232176**
Status : **Not Attempted**
Chosen Option : **--**

A. सिक्किम
B. अरुणाचल प्रदेश
C. मिजोरम
D. नागालैंड

**Ans**
✗ 1. D

✗ 2. C

✗ 3. A

✓ 4. B

**Q.75** निम्नलिखित में से कौन सा मकड़ियों का अध्ययन है?

Question ID : **2055232185**
Status : **Not Attempted**
Chosen Option : **--**

A. अर्कनोलोजी (Arachnology)
B. ऐन्थ्रोपोलोजी (Anthropology)
C. एपियोलोजी (Apiology)
D. साइनोलोजी (Cynology)

**Ans** ✗ 1. B

✓ 2. A

✗ 3. D

✗ 4. C

**Q.76** एक किलोमीटर का कितना दशमलव एक मिलीमीटर होता है?

Question ID : **2055232206**
Status : **Not Attempted**
Chosen Option : **--**

A. 0.000001
B. 0.00001
C. 0.0001
D. 0.001

**Ans** ✗ 1. D

✗ 2. B

✓ 3. A

✗ 4. C

**Q.77** दादा साहेब फाल्के पुरस्कार (Dadasaheb Phalke Award) निम्नलिखित में से किस क्षेत्र से जुड़ा हुआ है?

Question ID : **2055232189**
Status : **Not Attempted**
Chosen Option : **--**

A. वातावरण
B. सिनेमा
C. नृत्य
D. दवा

**Ans** ✗ 1. C

✗ 2. A

✗ 3. D

✓ 4. B

**Q.78** यदि sinD= 3/5 है, तो $(sinD + cosD)^2$ =?

Question ID : **2055232229**
Status : **Not Attempted**
Chosen Option : **--**

A. 1
B. 24/25
C. 49/25
D. 12/25

**Ans** ✗ 1. A

✗ 2. B

✗ 3. D

✓ 4. C

**Q.79**

Question ID : **2055232205**
Status : **Not Attempted**
Chosen Option : **--**

यदि 4515 ÷ 17.5 = 258 है, तो 45.15 ÷ 1.75 =?

A. 2.58
B. 0.258
C. 25.8
D. 258

Ans
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

---

Q.80 निम्नलिखित में समानता का पता लगाएं:
**कुत्ता, चित्रकारी, पुस्तक, मोमबत्ती**

Question ID : **2055232242**
Status : **Not Attempted**
Chosen Option : **--**

A. इनमें कोई समानता नहीं है।
B. यह सभी गणनीय संज्ञाए हैं।
C. यह सभी निर्जीव हैं।
D. यह सभी सजीव हैं।

Ans
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

---

Q.81 भारत को वैश्विक विनिर्माण हब के रूप में विकसित करने के लिए किस सामाजिक मीडिया दिग्गज ने नवंबर 2015 में 'मेक इन इंडिया' ('Make in India') इमोजी की शुरुवात की?

Question ID : **2055232168**
Status : **Not Attempted**
Chosen Option : **--**

A. फेसबुक (Facebook)
B. ट्विटर (Twitter)
C. गूगल+ (Google+)
D. स्नैपचैट (Snapchat)

Ans
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

---

Q.82 हिन्दी दिवस (Hindi Diwas) हर साल कब मनाया जाता है?

Question ID : **2055232196**
Status : **Not Attempted**
Chosen Option : **--**

A. 5 सितंबर
B. 2 अक्टूबर
C. 5 जून
D. 14 सितंबर

Ans
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

---

Q.83 एक निश्चित कोड में 'BREADTH' को 'CQFZESI' लिखा जाता है, तो उसी कोड में 'CONTAIN' को किस प्रकार लिखा जाएगा?

Question ID : **2055232235**
Status : **Not Attempted**
Chosen Option : **--**

A. DNOSBHO
B. DNSOBOH
C. DSNBOHO
D. DNOSHBO

Ans
✗ 1. C

✗ 2. D

✓ 3. A

✗ 4. B

**Q.84** $(x^2 + x - 20)$ के गुणनखंड ज्ञात कीजिए |

A. $(x + 5)(x - 4)$
B. $(x + 4)(x - 5)$
C. $(x - 2)(x + 10)$
D. $(x - 2)(x + 5)$

Question ID : **2055232224**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. D
✗ 4. C

**Q.85** कान्हा (Kanha) राष्ट्रीय उद्यान किस राज्य में है?

A. उत्तर प्रदेश
B. मध्य प्रदेश
C. राजस्थान
D. उत्तराखंड

Question ID : **2055232163**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.86** 4000 रुपये के मूलधन पर 20% की वार्षिक दर से साधारण ब्याज तथा चक्रवर्ती ब्याज के बीच का अन्तर ज्ञात कीजिए|

A. 160
B. 120
C. 90
D. 110

Question ID : **2055232218**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.87** 2015 में किस युगल जोड़ी ने अमेरिकी ओपन का महिला युगल खिताब जीता था?

A. वाई. श्वेदोवा और सी.डेल्लाच्कुआ (Y.Shvedova and C.Dellacqua)
B. एम. हिंगिस और एस.मिर्ज़ा (M.Hingis and S.Mirza)
C. जी. मुगुरुज़ा और सी.एस.नवर्रो (G.Muguruza and C.S.Navarro)
D. हाओ-चिंग चैन और युंग जान चैन (Hao-Ching Chan and Yung-Jan Chan)

Question ID : **2055232180**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.88** यदि एक संख्या का 60% दूसरी संख्या के दो तिहाई के बराबर है, तो संख्याओं का अनुपात ज्ञात कीजिए?

A. 10:9
B. 15:7
C. 10:14
D. 9:11

Question ID : **2055232212**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. A
✗ 2. D

✗ 3. C

✗ 4. B

**Q.89** राजेश ने एक अलमारी 1,200 रूपये में खरीदी और 900 रूपये में बेच दी। हानि प्रतिशत क्या है?

A. 30%
B. 75%
C. 25%
D. 40%

Question ID : **2055232221**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.90** 3, 4, 5, 5, 3, 6, 7, 3, 5, 5, 6 का बहुलक (mode) तथा माध्यिका (median) ज्ञात कीजिए|

A. 5 और 5
B. 3 और 5
C. 5 और 4
D. 3 और 4

Question ID : **2055232231**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

**Q.91** भारत के कुछ भागों में मिट्टी का रंग लाल होने का कारण क्या है?

A. मैग्नीशियम की मौजूदगी
B. फॉस्फेट की मौजूदगी
C. फेरिक ऑक्साइड की मौजूदगी
D. खाद-मिट्टी की मौजूदगी

Question ID : **2055232175**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.92** निम्नलिखित में से कंप्यूटर मेमोरी का सबसे बड़ा साइज़ कौन सा है?

A. पेटाबाइट (Petabyte)
B. योटाबाइट (Yottabyte)
C. टेराबाइट (Terabyte)
D. गीगाबाइट (Gigabyte)

Question ID : **2055232200**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.93** एक बैग में 25 पैसे, 10 पैसे और 5 पैसे के सिक्के 1 : 2 : 3 के अनुपात में हैं यदि उनका कुल मूल्य 180 रूपये हो, तो उसमे 10 पैसे के कितने सिक्के होंगे?

A. 300
B. 400
C. 600
D. 900

Question ID : **2055232223**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.94** एक आयत की लम्बाई और चौड़ाई में क्रमशः +15% और -10% का बदलाव किया जाए, तो आयत के क्षेत्रफल में कितने प्रतिशत का बदलाव होगा?

A. 2.5%
B. 3.0%
C. 3.5%
D. 4.5%

Question ID : **2055232225**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

**Q.95** मौजूदा भारतीय महिला हॉकी टीम का कप्तान कौन है?

A. रानी रामपाल
B. रितू रानी
C. सूरज लता देवी
D. सुशीला चानू

Question ID : **2055232181**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.96** अजय जयराम निम्नलिखित खेलों में से किस खेल में भारत का प्रतिनिधित्व करता है?

A. शूटिंग
B. भारोत्तोलन
C. टेबल टेनिस
D. बैडमिंटन

Question ID : **2055232183**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.97** निम्नलिखित में से कौन सी एक वेक्टर मात्रा है?

A. समय
B. तापमान
C. दूरी
D. वेग

Question ID : **2055232195**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

**Q.98** मिल्की वे (Milky Way) क्या है?

A. नक्षत्र
B. ग्रहों की व्यवस्था
C. आकाशगंगा
D. चमकता सितारा

Question ID : **2055232171**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B

✗ 2. D

✗ 3. A

✓ 4. C

**Q.99** एक कथन और उसके बाद दो निष्कर्ष दिये गए हैं। निर्णय कीजिए कि कौन सा (से) निष्कर्ष दिये गए कथन का तार्किक रूप से अनुसरण करता (करते) है (हैं)।

**कथन:** एक बगीचे में आम, सागौन, नीम, नारंगी, नारियल और ताड़ के बहुत से पेड़ लगे हैं। आम का पेड़ 7 मीटर लंबा है, नारंगी का पेड़ इसकी ऊंचाई का आधा है और नारियल का पेड़ आम के पेड़ की ऊंचाई का तीन गुना है।

**निष्कर्ष:**

I. तीन पेड़ों की औसत ऊंचाई 10 मीटर से कम है।

II. बगीचे का सबसे ऊंचा पेड़ नारियल का पेड़ है।

निम्नलिखित में से सही विकल्प का चयन करें।

A. केवल (I) अनुसरण करता है।
B. केवल (II) अनुसरण करता है।
C. (I) और (II) दोनों अनुसरण करते हैं।
D. ना तो (I) ना ही (II) अनुसरण करता है।

Question ID : **2055232254**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✗ 1. B

✓ 2. D

✗ 3. C

✗ 4. A

**Q.100** इस शृंखला में प्रश्नचिह्न के स्थान पर कौन सी संख्या आएगी?

**100, 115,?, 150, 170, 185**

A. 135
B. 130
C. 140
D. 145

Question ID : **2055232240**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✓ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 11th April 2016 Shift 1

| | |
|---|---|
| Roll No: | 18347959330115 |
| Participants Name: | BOOPATHI |
| Test Center Name: | iON Digital Zone iDZ, Sivathapuram |
| Test Date: | 11/04/2016 |
| Test Time: | 9:00 AM - 10:30 AM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** **Read the statements and select a conclusion from the given alternatives:**

Question ID : **2055232458**
Status : **Answered**
Chosen Option : **1**

**Statements:**

All Apples are leaves. Some leaves are lemons. No lemon is house.

**Conclusions:**

I. Some houses are Apples

II. Some lemons are Apples

III. No house is Apple

A. Only I follows
B. Only II follows
C. Only III follows
D. either I or III follows

**Ans** 1. D
2. B
3. C
4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.2** In a certain code, TRIPPLE is written as SQHOOKD. How is EXOTIC coded in that code?

Question ID : **2055232439**
Status : **Answered**
Chosen Option : **4**

A. DWNHSB
B. DNWHSB
C. DWNSHB
D. DNWSHB

**Ans** ✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.3** X-Rays, which are now used on a day to day basis for diagnosis in medicine, was discovered by?

Question ID : **2055232377**
Status : **Answered**
Chosen Option : **4**

A. Wilhelm Rontgen
B. Niels Bohr
C. Ernest Rutherford
D. Max Bon

**Ans** ✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.4** Which company has been associated with the development of Post-It and Scotch Tape?

A. Johnson and Johnson
B. 3M
C. Unilever
D. Amazon

Question ID : **2055232403**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.5** Simplify $5x(x+2)+4x$.

A. $5x^2+10$
B. $9x+10$
C. $5x^2-14x$
D. $5x^2+14x$

Question ID : **2055232429**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

**Q.6** In a computer, what is the name of the high speed memory used :

A. Cache
B. RAM
C. BIOS
D. Hard Disk

Question ID : **2055232401**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. B
✓ 4. A

**Q.7** A shopkeeper cheats to the extent of 11 % while buying and selling fruits, by using tampered weights. His total gain in percentage is.

A. 23.25
B. 23.21
C. 23.75
D. 23.5

Question ID : **2055232426**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Q.8** The cash difference between the selling price of an article at a profit of 2 % and 18 % is Rs3. The ratio of two selling prices is.

A. 51:59
B. 51:53
C. 51:60
D. 55:59

Question ID : **2055232427**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

**Q.9**

Question ID : **2055232412**
Status : **Answered**

The value of $0.592 \div 0.8 = ?$

Chosen Option : **2**

A. 7.4
B. 0.74
C. 740
D. 0.074

Ans
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.10** Laura was going with a boy and is asked by a woman about the relationship between them. Laura replied, "My maternal uncle and the uncle of his maternal uncle is the same". How is Laura related with that boy?

Question ID : **2055232453**
Status : **Answered**
Chosen Option : **1**

A. Mother and Son
B. Aunt and Nephew
C. Grandmother and Grandson
D. Cannot be determined

Ans
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.11** Compute of $69696 \times 9999 = ?$

Question ID : **2055232413**
Status : **Answered**
Chosen Option : **2**

A. 696980304
B. 666890304
C. 696809304
D. 696890304

Ans
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Q.12** In a certain code, RIPPLE is written as 613382 PREACH is coded as 362457 How is PILLER written in that code?

Question ID : **2055232441**
Status : **Answered**
Chosen Option : **4**

A. 318826
B. 318286
C. 618826
D. 338816

Ans
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

**Q.13** A flask has two holes. The 1st hole alone makes the flask empty in 9 minutes and 2nd hole alone makes the flask empty in 16 minutes. If water leaks out at a constant rate, how long in minutes does it take if both the holes together empty the flask?

Question ID : **2055232419**
Status : **Answered**
Chosen Option : **4**

A. $\frac{19}{25}$
B. $4\frac{19}{25}$
C. $5\frac{20}{25}$
D. $5\frac{19}{25}$

Ans
✗ 1. C
✗ 2. B
✗ 3. A

✔ 4. D

**Q.14** Who was appointed as the head of the Jury of the International Film Festival of India in November 2015?

A. Anil Kapoor
B. Shekhar Kapoor
C. Anupam Kher
D. Naseeruddin Shah

Question ID : **2055232387**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.15** Which of the following is a tsunami warning sign?

A. Stormy weather
B. Hailstorm
C. Water falling back quickly from the beach.
D. Pets acting strangely

Question ID : **2055232408**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

**Q.16** Answer the questions based on the below information.

If '+' is 'x', '-' is '+', 'x' is '÷' and '÷' is '-'

**then 6 + 7 x 3 – 8 ÷ 20 = ?**

A. -3
B. 7
C. 2
D. 1

Question ID : **2055232444**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. B
✔ 3. C
✘ 4. A

**Q.17** The most abundant of the rare gases is?

A. Helium
B. Argon
C. Neon
D. Nitrogen

Question ID : **2055232379**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. C
✘ 2. D
✔ 3. B
✘ 4. A

**Q.18**

Question ID : **2055232469**
Status : **Answered**

**Read the statements and select a conclusion from the given alternatives:**

**Statement:**

Sukhvinder emphasized the need to replace the present training programme by other methods which will bring out the real merit of the candidates.

**Conclusions:**

I. It is not important to bring out the real merit of the candidates.

II. The present training programme does not bring out the real merit of the candidates

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

---

**Q.19** The variance of a set of data is 196. Then the standard deviation of the data is.

A. $\pm 14$
B. 14
C. 96
D. 98

Question ID : **2055232438**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

---

**Q.20** The Indian National Army reclaimed the Andaman and Nicobar Island from British rule and named them?

A. Swaraj Islands
B. Shaheed and Swaraj Island
C. Free Islands
D. Swatantra and Swaraj Island

Question ID : **2055232394**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

---

**Q.21** Compute $4923 \div 547 - 10$.

A. $1$
B. $-1$
C. $\frac{1641}{179}$
D. $\frac{1614}{179}$

Question ID : **2055232410**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

---

**Q.22** A protruding part of the throat that is responsible for growing voice box in boys is called?

A. Larynx
B. Testosterone
C. Pharynx
D. Adam's Apple

Question ID : **2055232376**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. D
✗ 2. B

✗ 3. C

✗ 4. A

**Q.23** Which country is going to organise the FIFA U-17 World cup in the year 2017?

Question ID : **2055232372**
Status : **Answered**
Chosen Option : **1**

A. Chile
B. Nigeria
C. UAE
D. India

**Ans**
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

**Q.24** The mean of the data $1, \frac{1}{2}, \frac{1}{2}, \frac{3}{4}, \frac{1}{4}, 2, \frac{1}{2}, \frac{1}{4}, \frac{3}{4}$ is.

Question ID : **2055232437**
Status : **Answered**
Chosen Option : **2**

A. $\frac{15}{18}$
B. $\frac{13}{18}$
C. $\frac{7}{9}$
D. $\frac{8}{9}$

**Ans**
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

**Q.25** Variance of the data 2, 4, 5, 6, 8, 17 is 23.33. Then the variance of 4, 8, 10, 12, 16, 34 will be:

Question ID : **2055232436**
Status : **Answered**
Chosen Option : **2**

A. 11.66
B. 46.66
C. 93.3333
D. 4.83

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.26** Mr. Mahesh sold a bus for Rs.22,100 with a loss of 15 %. At what price should the bus be sold to get a profit of 15 %?

Question ID : **2055232425**
Status : **Answered**
Chosen Option : **4**

A. 29,700
B. 30,000
C. 29,800
D. 29,900

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Q.27**

Question ID : **2055232459**
Status : **Answered**

Chosen Option : **3**

**Read the statements and select a conclusion from the given alternatives:**

**Statements:**

All pens are pencils. Some pencils are erasers. Some erasers are ropes. All ropes are tents

**Conclusions:**

I. Some tents are trams

II. Some ropes are pens

III. Some erasers are pens

IV. Some pencils are pens.

A. Only I and II follow

B. Only I, II and III follow

C. Only I and III follow

D. Only IV follows

**Ans**

✗ 1. B

✗ 2. A

✓ 3. D

✗ 4. C

---

**Q.28** Which is the correct ascending order of the given numbers?

Question ID : **2055232411**

Status : **Answered**

Chosen Option : **4**

A. $\frac{2}{3}, \frac{5}{6}, \frac{3}{4}$

B. $\frac{3}{4}, \frac{2}{3}, \frac{5}{6}$

C. $\frac{2}{3}, \frac{3}{4}, \frac{5}{6}$

D. $\frac{5}{6}, \frac{3}{4}, \frac{2}{3}$

**Ans**

✗ 1. B

✗ 2. D

✗ 3. A

✓ 4. C

---

**Q.29** If $Tan\ A = \frac{15}{8}$ and $Tan\ B = \frac{7}{24}$, then $Cos\ (A + B) = ?$

Question ID : **2055232435**

Status : **Answered**

Chosen Option : **3**

A. $\frac{87}{425}$

B. $\frac{304}{425}$

C. $\frac{297}{425}$

D. $\frac{416}{425}$

**Ans**

✓ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

---

**Q.30** Which country among the following voted in 2015 to be the first country to allow three parent in-vitro fertilization?

Question ID : **2055232405**

Status : **Answered**

Chosen Option : **3**

A. Britain

B. USA

C. France

D. Italy

**Ans**

✗ 1. B

✗ 2. D

✗ 3. C

✓ 4. A

**Q.31** The basic concept of Montessori education is :

A. Discovery by travelling

B. Dreaming

C. Communicating

D. Self-discovery through experiment

Question ID : **2055232399**
Status : **Answered**
Chosen Option : **1**

**Ans**

✓ 1. D

✗ 2. B

✗ 3. C

✗ 4. A

**Q.32** The term polyarchy was used by Robert Dahl to describe a form of government in which?

A. It reduces the multitudinous differences of opinion to relatively simple alternatives

B. It takes individual as the basic unit of democratic model

C. People can participate through their representations

D. People act both through the electoral system and the group process

Question ID : **2055232398**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. A

✗ 2. C

✓ 3. D

✗ 4. B

**Q.33** $(8)^{2/3} = ?$

A. $\sqrt{4}$

B. 2

C. 4

D. 64

Question ID : **2055232414**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. B

✓ 2. C

✗ 3. A

✗ 4. D

**Q.34** Ms. Kavitha borrowed Rs.950 at 6% per annum simple interest. What amount will she pay to clear her debt after 4 years?

A. 282

B. 1187

C. 1178

D. 228

Question ID : **2055232423**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. A

✓ 2. C

✗ 3. B

✗ 4. D

**Q.35**

Question ID : **2055232418**
Status : **Answered**
Chosen Option : **3**

Divide Rs.368 in the ratio 1:5:8:9. The rupees in the respective ratios are given by.

A. 16, 80, 127 & 145
B. 16, 80, 129 & 143
C. 16, 80, 128 & 144
D. 16, 80, 128 & 143

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

---

**Q.36** Which of the following is a probe to the Kuiper belt bodies?

Question ID : **2055232389**
Status : **Answered**
Chosen Option : **1**

A. Voyager 1
B. Van Allen Probe
C. New Horizon
D. Pioneer 11

Ans
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

---

**Q.37** Dried fruit like raisins when soaked in water, bulge and get filled with water. What is the scientific reason that explains this daily life event?

Question ID : **2055232375**
Status : **Answered**
Chosen Option : **1**

A. Osmosis
B. Active Transport
C. Diffusion
D. Passive Transport

Ans
✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

---

**Q.38** India participated in the 2014 Commonwealth Games at _____.

Question ID : **2055232374**
Status : **Answered**
Chosen Option : **4**

A. Gold Coast, Australia
B. New Delhi, India
C. Samoa, Pacific Island
D. Glasgow, United Kingdom

Ans
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

---

**Q.39** The order of rotational symmetry of a rectangle is.

Question ID : **2055232433**
Status : **Answered**
Chosen Option : **3**

A. 1
B. 4
C. 2
D. 0

Ans
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

---

**Q.40** If the product of two numbers is 2400 and their LCM is 96 then their HCF is.

Question ID : **2055232416**
Status : **Answered**
Chosen Option : **2**

A. 35
B. 240
C. 24
D. 25

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Q.41** Josna takes 4 hrs 30 minutes in walking a distance and riding back to same place where she started. She could walk both ways in 5 hr. 40 minutes. The time taken by her to ride back both ways is.

Question ID : **2055232422**
Status : **Answered**
Chosen Option : **3**

A. 3 hr. 20 min
B. 3 hr. 35 min
C. 3 hr. 45 min
D. 3 hr. 15 min

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.42** Birth control pills contain

Question ID : **2055232380**
Status : **Answered**
Chosen Option : **2**

A. Progesterone only
B. Estrogen only
C. Mixture of progesterone and estrogen derivative
D. Neither progesterone nor estrogen

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.43** Two cycles start from a house with a speed of 24 km/hr. at interval of 15 minutes. With how much more speed (km/hr.) the woman coming from the opposite direction towards the house has to travel to meet the cycles at an interval of 10 minutes?

Question ID : **2055232421**
Status : **Answered**
Chosen Option : **1**

A. 13
B. 11
C. 12
D. 14

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.44** Harappan people did not worship one of the following God -

Question ID : **2055232385**
Status : **Answered**
Chosen Option : **4**

A. Shiva
B. Vishnu
C. Pigeon
D. Swastik

**Ans**
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

**Q.45**

Question ID : **2055232378**

The theory behind stars twinkling is that

A. The refractive index of the different layers of earth's atmosphere changes continuously; consequently the position of the star's image changes with time.
B. The intensity of light emitted by them changes with time
C. The light from the star is scattered by the dust particles and air molecules in the earth's atmosphere
D. The distance of the stars from the earth changes with time

Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. A
✘ 2. D
✘ 3. B
✘ 4. C

**Q.46** Complete the Figure X from the given alternatives 1,2,3,4

Question ID : **2055232450**
Status : **Answered**
Chosen Option : **3**

A. 1
B. 2
C. 3
D. 4

**Ans**
✘ 1. A
✘ 2. C
✔ 3. B
✘ 4. D

**Q.47** Who was awarded the Harvard Humanitarian Award for 2015?

A. Malala Yousafzai
B. Kailash Satyarthi
C. Tommy Hilfiger
D. Lionel Richie

Question ID : **2055232388**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Comprehension:**

**Read the data given and answer the following questions:**

In a class of 60 students:

42 like Maths,

32 like English,

12 like neither Maths nor English.

**SubQuestion No : 48**

**Q.48** Students who like only Maths forms what percentage of the total number of students in the class?

A. 26.67 %
B. 24.22 %
C. 28.80 %
D. 32.82 %

Question ID : **2055232464**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Comprehension:

**Read the data given and answer the following questions:**

In a class of 60 students:

42 like Maths,

32 like English,

12 like neither Maths nor English.

SubQuestion No : 49

Q.49 How many students like both Maths and English?

Question ID : **2055232462**
Status : **Answered**
Chosen Option : **1**

A. 28
B. 26
C. 16
D. 12

Ans
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

Comprehension:

**Read the data given and answer the following questions:**

In a class of 60 students:

42 like Maths,

32 like English,

12 like neither Maths nor English.

SubQuestion No : 50

Q.50 How many students like exactly one subject?

Question ID : **2055232463**
Status : **Answered**
Chosen Option : **1**

A. 16
B. 12
C. 6
D. 22

Ans
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

Q.51 The famous Golconda Fort is situated in the state of :

Question ID : **2055232397**
Status : **Answered**
Chosen Option : **2**

A. Madhya Pradesh
B. Telangana
C. Karnataka
D. Bihar

Ans
✗ 1. D
✗ 2. C
✗ 3. A

✔ 4. B

**Q.52** If $Sin\ x = \frac{4}{5}$, then $Sec^2 x - 1 = ?$

Question ID : **2055232434**
Status : **Answered**
Chosen Option : **2**

A. $\frac{16}{25}$

B. $\frac{25}{9}$

C. $\frac{9}{16}$

D. $\frac{16}{9}$

**Ans**
✘ 1. A
✔ 2. D
✘ 3. B
✘ 4. C

**Q.53** If the letters in PRABA are coded as 27595, and HITAL are coded as 68354, how can BHARATHI be coded?

Question ID : **2055232442**
Status : **Answered**
Chosen Option : **3**

A. 37536689
B. 57686535
C. 96575368
D. 96855368

**Ans**
✘ 1. D
✘ 2. B
✔ 3. C
✘ 4. A

**Q.54** Find the HCF of 1757, 2259.

Question ID : **2055232415**
Status : **Answered**
Chosen Option : **4**

A. 231

B. 241

C. 251

D. 261

**Ans**
✘ 1. D
✘ 2. A
✘ 3. B
✔ 4. C

**Q.55** Which country in the month of November 2015 was ranked No.1 men's team for the first time in FIFA rankings?

Question ID : **2055232373**
Status : **Answered**
Chosen Option : **2**

A. Nigeria
B. Belgium
C. Russia
D. Portugal

**Ans**
✘ 1. A
✔ 2. B
✘ 3. C
✘ 4. D

**Q.56**

Question ID : **2055232428**
Status : **Answered**
Chosen Option : **3**

Given $w=-2$ , $x=3, y=0$ & $z=-\frac{1}{2}$, find the value of $w^2\sqrt{(z^2+y^2)}$.

A. $\pm 2$
B. $-2$
C. 2
D. 4

Ans
1. B
2. D
3. C
4. A

---

**Q.57** Ram said, "This girl is the wife of the grandson of my mother". Who is Ram to the girl?

Question ID : **2055232451**
Status : **Answered**
Chosen Option : **3**

A. Husband
B. Father
C. Father–in–law
D. Grandfather

Ans
1. B
2. A
3. C
4. D

---

**Q.58** Which is the oldest High Court in India?

Question ID : **2055232393**
Status : **Answered**
Chosen Option : **4**

A. Bombay High Court
B. Madras High Court
C. Allahabad High Court
D. Calcutta high Court

Ans
1. A
2. B
3. D
4. C

---

**Q.59** _____is the transition of a substance directly from the solid to the gas phase without passing through the intermediate liquid phase.

Question ID : **2055232407**
Status : **Answered**
Chosen Option : **3**

A. Sublimation
B. Evaporation
C. Condensation
D. Liquidation

Ans
1. A
2. D
3. B
4. C

---

**Q.60** Solve: $x-3=3x+7$.

Question ID : **2055232430**
Status : **Answered**
Chosen Option : **3**

A. 5
B. $-5$
C. 1
D. $\frac{10}{4}$

Ans
1. A
2. C
3. B

✗ 4. D

**Q.61** Who was the first Muslim female to higher judiciary?

A. Justice M. Fathima Beevi
B. Justice V. Khalida
C. Justice Benazir Islam
D. Justice M Farooq

Question ID : **2055232392**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

**Q.62** Vernal Equinox occurs on,

A. June 22
B. March 20
C. May 20
D. June 20

Question ID : **2055232382**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Q.63** Compute 33800 / 520 / 5 .

A. 31
B. 325
C. 13
D. 352

Question ID : **2055232409**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.64** In which direction does the tail of a comet point toward?

A. Away from the sun
B. Towards the sun
C. Away from earth
D. Towards the earth

Question ID : **2055232390**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

**Q.65**

Question ID : **2055232395**
Status : **Answered**
Chosen Option : **1**

What title did the British confer Gandhi with, which was relinquished by him?

A. Rai Bahadur
B. Rai Sahib
C. Hind Kesari
D. Kaiser-e-Hind

Ans
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

Q.66 **Read the statements given below and derive the conclusion.**

Question ID : **2055232460**
Status : **Answered**
Chosen Option : **2**

**Statements:**

No window is monkey.

All the monkeys are cats.

**Conclusions:**

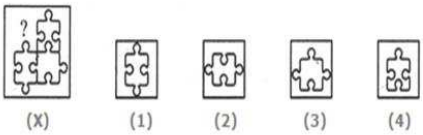
1. No window is cat.
2. No cat is window.
3. Some cats are monkeys.
4. All the cats are monkeys.

A. Only (2) and (4)
B. Only (1) and (3)
C. Only (3) and (4)
D. Only (3)

Ans
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

Q.67 Complete the Figure X from the given alternatives 1,2,3,4

Question ID : **2055232447**
Status : **Answered**
Chosen Option : **1**




A. 1
B. 2
C. 3
D. 4

Ans
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

Q.68

Question ID : **2055232446**
Status : **Answered**
Chosen Option : **4**

Answer the questions based on the below information.

If '+' is 'x', '-' is '+', 'x' is '÷' and '÷' is '-'

**then 6 – 9 + 8 x 3 ÷ 20 = ?**

A. -2
B. 6
C. 10
D. 12

Ans
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

---

**Q.69** One of the best preserved Buddhist caves, Karla, is in which of the following states?

A. Bihar
B. Uttar Pradesh
C. Maharashtra
D. Uttarakhand

Question ID : **2055232396**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

---

**Q.70** While watching 3D movies at the theatre, we have to wear special glasses because?

A. The glasses allow our left and right eyes to see different images
B. 3-D movies use special colors which cannot be sensed by the human eye
C. 3-D movies are brighter than ordinary movies and can hurt our eyes if seen directly
D. The glasses allow both the eyes to see similar images

Question ID : **2055232400**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

---

**Q.71** Which river originates from Amarkantak?

A. Betwa
B. Chambal
C. Sone
D. Narmada

Question ID : **2055232381**
Status : **Answered**
Chosen Option : **1**

Ans
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

---

**Q.72** Who has the distinction of serving as the Chief Justice of India, President and the Vice president?

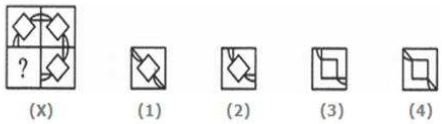
A. Justice M Hidayatullah
B. Justice Bhagwati
C. Justice H.J.Kania
D. Justice Mehr Chand Mahajan

Question ID : **2055232386**
Status : **Answered**
Chosen Option : **1**

Ans
✗ 1. D
✗ 2. C
✗ 3. B

✔ 4. A

**Q.73** Complete the Figure X from the given alternatives 1,2,3,4




Question ID : **2055232449**
Status : **Answered**
Chosen Option : **3**

A. 1
B. 2
C. 3
D. 4

**Ans**
✘ 1. D
✘ 2. C
✔ 3. B
✘ 4. A

**Comprehension:**

**Study the following table and answer the questions based on it.**

Following table gives the expenditures of a company (in lakh rupees) per annum over the given years.

| Year | Item of Expenditure | | | | |
|---|---|---|---|---|---|
| | Salary | Fuel and Transport | Bonus | Interest on loans | Taxes |
| 1998 | 288 | 98 | 3.00 | 23.4 | 83 |
| 1999 | 342 | 112 | 2.52 | 32.5 | 108 |
| 2000 | 324 | 101 | 3.84 | 41.6 | 74 |
| 2001 | 336 | 133 | 3.68 | 36.4 | 88 |
| 2002 | 420 | 142 | 3.96 | 49.4 | 98 |

**SubQuestion No : 74**

**Q.74** The ratio between the total expenditure on taxes for all the years to the total Bonus for all the years respectively is?

Question ID : **2055232467**
Status : **Answered**
Chosen Option : **1**

A. 9:40
B. 25:13
C. 451:17
D. 1:25

**Ans**
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

**Comprehension:**

**Study the following table and answer the questions based on it.**

Following table gives the expenditures of a company (in lakh rupees) per annum over the given years.

| Year | Item of Expenditure | | | | |
|---|---|---|---|---|---|
| | Salary | Fuel and Transport | Bonus | Interest on loans | Taxes |
| 1998 | 288 | 98 | 3.00 | 23.4 | 83 |
| 1999 | 342 | 112 | 2.52 | 32.5 | 108 |
| 2000 | 324 | 101 | 3.84 | 41.6 | 74 |
| 2001 | 336 | 133 | 3.68 | 36.4 | 88 |
| 2002 | 420 | 142 | 3.96 | 49.4 | 98 |

**SubQuestion No : 75**

**Q.75** Expenditure on Fuel and Transport forms what percentage of expenditure on Salary for the year 2001?

A. 34.54 %
B. 39.22 %
C. 33.57 %
D. 37.58 %

Question ID : **2055232468**
Status : **Answered**
Chosen Option : **2**

**Ans** 1. D
2. B
3. A
4. C

Note: For this question, discrepancy is found in question/answer. So, Thi s question is ignored for all candidates.

**Comprehension:**

**Study the following table and answer the questions based on it.**

Following table gives the expenditures of a company (in lakh rupees) per annum over the given years.

| Year | Item of Expenditure | | | | |
|---|---|---|---|---|---|
| | Salary | Fuel and Transport | Bonus | Interest on loans | Taxes |
| 1998 | 288 | 98 | 3.00 | 23.4 | 83 |
| 1999 | 342 | 112 | 2.52 | 32.5 | 108 |
| 2000 | 324 | 101 | 3.84 | 41.6 | 74 |
| 2001 | 336 | 133 | 3.68 | 36.4 | 88 |
| 2002 | 420 | 142 | 3.96 | 49.4 | 98 |

**SubQuestion No : 76**

**Q.76** The total expenditure of the company over the items during the year 2001 is -

A. Rs. 590 lakhs
B. Rs. 598 lakhs
C. Rs. 597 lakhs
D. Rs. 597.08 lakhs

Question ID : **2055232466**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.77** Pointing to a boy in a photograph. Rani said. "His mother's only daughter is my mother". How is Rani related to that boy?

A. Wife
B. Sister
C. Niece
D. Nephew

Question ID : **2055232452**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

Q.78 The first gasoline-run car engine was developed by:

A. Henry Ford
B. Carl Benz
C. Hugh Chalmers
D. Horace Elgin Dodge

Question ID : **2055232404**
Status : **Answered**
Chosen Option : **1**

Ans
✘ 1. C
✔ 2. B
✘ 3. D
✘ 4. A

Q.79 The first democratically elected female President of Africa is from

A. Nigeria
B. Liberia
C. Tanzania
D. Kenya

Question ID : **2055232370**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

Q.80 Answer the questions based on the below information.
If '+' is 'x', '-' is '+', 'x' is '÷' and '÷' is '-'
**then 9 ÷ 5 + 4 – 3 x 2 = ?**

A. 2
B. -9
C. -3
D. -9.5

Question ID : **2055232443**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. C
✔ 2. D
✘ 3. B
✘ 4. A

Q.81 The length of a diagonal in cms of a rectangle of length 5 cm and width 3 cm is:

A. $\sqrt{34}$
B. $\pm\sqrt{34}$
C. 4
D. $\pm 4$

Question ID : **2055232432**
Status : **Answered**
Chosen Option : **1**

Ans
✘ 1. D
✘ 2. B
✔ 3. A

✗ 4. C

**Q.82** The number of sides of a regular polygon whose exterior angles are each $72^{0}$ is?

Question ID : **2055232431**
Status : **Answered**
Chosen Option : **3**

A. 7
B. 6
C. 5
D. 8

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.83** Which among the following is not an environment friendly mode of producing electricity?

Question ID : **2055232383**
Status : **Answered**
Chosen Option : **1**

A. Thermal Power
B. Solar Power
C. Wind Energy
D. Bio-waste

**Ans**
✓ 1. A
✗ 2. C
✗ 3. B
✗ 4. D

**Q.84** The G-20 Summit in November 2015 was organised in which European Country?

Question ID : **2055232369**
Status : **Answered**
Chosen Option : **4**

A. Germany
B. France
C. Turkey
D. Spain

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.85** **Read the statements and select a conclusion from the given alternatives:**

Question ID : **2055232471**
Status : **Answered**
Chosen Option : **2**

**Statements**:
The healthcare system has expanded in terms of number of hospitals. But the fact is that most of them are not well equipped and unable to make significant progress in the field of patient care.
**Conclusions**:
I. We should provide good doctors and equipment to existing hospitals now onwards.
II. Now, it is not necessary to open any new hospitals.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.86** Mr. Ibrahim borrowed Rs.7500 at 5% per annum compound interest. The compound interest compounded annually for 2 years is.

Question ID : **2055232424**
Status : **Answered**
Chosen Option : **3**

A. 768.75
B. 8268.75
C. 8286.75
D. 786.75

**Ans**
✓ 1. B
✗ 2. D

3. A

4. C

Q.87 _____ was the first female Prime Minister of Sri Lanka.

Question ID : **2055232406**
Status : **Answered**
Chosen Option : **1**

A. Ranasinghe Premadasa
B. Dingiri Banda Wijetunge
C. Sirimavo Bandaranaike
D. Chandrika Kumaratunga

Ans
1. D
2. B
3. A
4. C

**Comprehension:**

**Directions to solve:**

Five boys are sitting on a bench to be photographed. Sachin is to the left of Ram and to the right of Bin. Monty is to the right of Ram. Rony is between Ram and Monty.

**SubQuestion No : 88**

Q.88 Who is in the middle of the photograph?

Question ID : **2055232455**
Status : **Answered**
Chosen Option : **1**

A. Bin
B. Ram
C. Rony
D. Sachin

Ans
1. B
2. D
3. A
4. C

**Comprehension:**

**Directions to solve:**

Five boys are sitting on a bench to be photographed. Sachin is to the left of Ram and to the right of Bin. Monty is to the right of Ram. Rony is between Ram and Monty.

**SubQuestion No : 89**

Q.89 Who is second from the right in the photograph?

Question ID : **2055232456**
Status : **Answered**
Chosen Option : **2**

A. Monty
B. Ram
C. Rony
D. Bin

Ans
1. A
2. C
3. D
4. B

**Comprehension:**

**Directions to solve:**

Five boys are sitting on a bench to be photographed. Sachin is to the left of Ram and to the right of Bin. Monty is to the right of Ram. Rony is between Ram and Monty.

SubQuestion No : 90

Q.90 Who is second from the left in the photograph?

A. Rony
B. Monty
C. Bin
D. Sachin

Question ID : **2055232457**
Status : **Answered**
Chosen Option : **3**

Ans
1. C ✗
2. A ✗
3. D ✓
4. B ✗

Q.91 Answer the questions based on the below information.

If '+' is 'x', '-' is '+', 'x' is '÷' and '÷' is '-'

**then 3 x 2 + 4 – 2 ÷ 9 = ?**

A. -1
B. 1
C. -2
D. 3

Question ID : **2055232445**
Status : **Answered**
Chosen Option : **1**

Ans
1. A ✓
2. C ✗
3. B ✗
4. D ✗

Q.92 What is the meaning of an ECOTONE?

A. ECOTONE is where two biomes meet
B. It's an area with low survival for species
C. An area with limited Flora and fauna
D. An area with high biomass production

Question ID : **2055232384**
Status : **Answered**
Chosen Option : **4**

Ans
1. D ✗
2. C ✗
3. B ✗
4. A ✓

Q.93 Rakshanth is twice as good a tradesman as Verma and together they finish a piece of work in 19 days. In how many days will Verma alone finish the work?

A. 38
B. 57
C. 76
D. 50

Question ID : **2055232420**
Status : **Answered**
Chosen Option : **2**

Ans
1. D ✗
2. B ✓
3. A ✗
4. C ✗

Q.94

Question ID : **2055232470**
Status : **Answered**
Chosen Option : **3**

**Read the statements and select a conclusion from the given alternatives:**

**Statement**:

To cultivate interest in debate the school has made it compulsory from December, 2015 for each student to attend two debate classes per week and submit a weekly report on the debates discussed.

**Conclusions**:

I. Interest in debating can be created by force.

II. Some students eventually will develop interest in debating.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

---

**Q.95** Bill Gates co-founded 'Microsoft Corporation' in 1975 with?

Question ID : **2055232402**
Status : **Answered**
Chosen Option : **1**

A. Chris Hughes
B. Tim Berners-Lee
C. Steve Paul Jobs
D. Paul G. Allen

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

---

**Q.96** Two numbers are in ratio 2:5 and their HCF is 18. Their LCM is.

Question ID : **2055232417**
Status : **Answered**
Chosen Option : **4**

A. 180
B. 36
C. 90
D. 188

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

---

**Q.97** How many constellations have been named?

Question ID : **2055232391**
Status : **Answered**
Chosen Option : **2**

A. 88
B. 99
C. 90
D. 87

**Ans**
✓ 1. A
✗ 2. D
✗ 3. C
✗ 4. B

---

**Q.98**

Question ID : **2055232448**
Status : **Answered**
Chosen Option : **1**

Complete the Figure X from the given alternatives 1,2,3,4

A. 1
B. 2
C. 3
D. 4

**Ans**
✔ 1. D
✘ 2. A
✘ 3. B
✘ 4. C

**Q.99** _____ jointly launched International Solar Alliance (ISA) at Conference of Parties (CoP21) Climate Conference held in Paris, France on 1st December 2015.

A. India and China
B. India and France
C. India and USA
D. India and Russia

Question ID : **2055232371**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✘ 2. C
✘ 3. A
✔ 4. B

**Q.100** If in a certain language KINDLE is coded as ELDNIK, how is IMPOSING coded in that code?

A. GNIOSPMI
B. GNSIOPMI
C. GNISPOMI
D. GNISOPMI

Question ID : **2055232440**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. C
✘ 3. A
✔ 4. D

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 11th April 2016 Shift 2

| | |
|---|---|
| Roll No: | 13310910340166 |
| Participants Name: | SURBHI SHARMA |
| Test Center Name: | Mangalaytan University |
| Test Date: | 11/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Mahabharata war lasted for ____ days.

Question ID : **9888371655**
Status : **Answered**
Chosen Option : **4**

A. 17
B. 18
C. 19
D. 21

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.2** If $Sin\ x = \frac{4}{5}$, then $\frac{Sec\ x}{Sin\ x} = ?$

Question ID : **9888371714**
Status : **Answered**
Chosen Option : **3**

A. $\frac{23}{12}$
B. $\frac{25}{4}$
C. $\frac{4}{5}$
D. $\frac{25}{12}$

**Ans**
✘ 1. C
✔ 2. D
✘ 3. B
✘ 4. A

**Comprehension:**

**Consider the following information and answer questions based on it.**

Six students Lily, Mary, July, Daisy, Rosy and Fairy are sitting in a circle facing each other such that –

1. Mary sits to the immediate right of July.
2. Lily does not sit near Fairy.
3. The student sitting on the immediate left of July, sits to the immediate right of Fairy.
4. Rosy does not sit to the immediate right of Mary.

**SubQuestion No : 3**

**Q.3** If July leaves the circle, then who will be sitting to the immediate right of Lily?

Question ID : **9888371737**
Status : **Answered**
Chosen Option : **3**

A. Fairy
B. Rosy
C. Daisy
D. Cannot be determined

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

**Comprehension:**

**Consider the following information and answer questions based on it.**

Six students Lily, Mary, July, Daisy, Rosy and Fairy are sitting in a circle facing each other such that –

1. Mary sits to the immediate right of July.
2. Lily does not sit near Fairy.
3. The student sitting on the immediate left of July, sits to the immediate right of Fairy.
4. Rosy does not sit to the immediate right of Mary.

**SubQuestion No : 4**

**Q.4** Who sits to the immediate right of Fairy?

Question ID : **9888371735**
Status : **Answered**
Chosen Option : **3**

A. Daisy
B. Rosy
C. Mary
D. Cannot be determined

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

**Comprehension:**

**Consider the following information and answer questions based on it.**

Six students Lily, Mary, July, Daisy, Rosy and Fairy are sitting in a circle facing each other such that –

1. Mary sits to the immediate right of July.
2. Lily does not sit near Fairy.
3. The student sitting on the immediate left of July, sits to the immediate right of Fairy.
4. Rosy does not sit to the immediate right of Mary.

**SubQuestion No : 5**

**Q.5** _____ sits to the immediate left of Lily.

Question ID : **9888371736**
Status : **Answered**
Chosen Option : **3**

A. Daisy
B. Mary
C. Rosy
D. July

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.6** The variance of a set of data is 121. Then the standard deviation of the data is:

Question ID : **9888371718**
Status : **Answered**
Chosen Option : **4**

A. ±11
B. 11
C. 21
D. 60.5

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.7** Divide Rs.221 in the ratio 1:3:6:7. The rupees in the respective ratios are

Question ID : **9888371697**
Status : **Answered**
Chosen Option : **1**

A. 13, 39, 77 & 92
B. 13, 39, 79 & 90
C. 13, 39, 78 & 91
D. 13, 40, 80 & 91

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.8** ITF Davis Cup is structured with a ____ nation World Group.

Question ID : **9888371661**
Status : **Answered**
Chosen Option : **3**

A. 8
B. 16
C. 20
D. 24

**Ans**
✗ 1. D
✗ 2. C

✔ 3. B

✘ 4. A

**Q.9** Mount Everest is located in

A. Tibet

B. India

C. Nepal

D. Bhutan

Question ID : **9888371652**
Status : **Answered**
Chosen Option : **1**

**Ans** 1. C
2. B
3. A
4. D

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.10** A telephone bill costs Rs.13 for 19 minutes. What is the cost in rupees for 15 minutes 50 seconds? (Rounded to one decimal).

A. 10.8
B. 10.7
C. 10.6
D. 10.9

Question ID : **9888371698**
Status : **Answered**
Chosen Option : **3**

**Ans** ✘ 1. B
✘ 2. C
✔ 3. A
✘ 4. D

**Q.11** _____ is not a chemical change.

A. Cooking an egg

B. Melting an ice cube

C. Baking a cake

D. Rotting bananas

Question ID : **9888371672**
Status : **Answered**
Chosen Option : **1**

**Ans** ✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.12** Which of the following is not correct with reference to Bio-sand Water Filter?

A. It deactivates or kills pathogens.
B. Sedimentation removes larger particles.
C. Filtration removes smaller particles.
D. High quality water is always assured.

Question ID : **9888371676**
Status : **Answered**
Chosen Option : **1**

**Ans** ✘ 1. A
✘ 2. C
✔ 3. D
✘ 4. B

**Q.13**

Question ID : **9888371712**
Status : **Answered**
Chosen Option : **3**

The length of a diagonal in cm of a rectangle of length 9 cm and width 5 cm is

A. $\sqrt{106}$
B. $\pm\sqrt{106}$
C. $2\sqrt{14}$
D. $\pm 2\sqrt{14}$

Ans
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

Q.14 Physical Research Laboratory was founded by _____.

Question ID : **9888371685**
Status : **Answered**
Chosen Option : **1**

A. S. K. Mitra
B. C. V. Raman
C. Homi Bhaba
D. Vikram Sarabhai

Ans
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

Q.15 If **O = 15** and **STAR = 58** then **CAMEL =?**

Question ID : **9888371720**
Status : **Answered**
Chosen Option : **4**

A. 35
B. 34
C. 33
D. 36

Ans
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

Q.16 The mean of the data 2, 9, 9, 3, 6, 9, 4 is:

Question ID : **9888371716**
Status : **Answered**
Chosen Option : **1**

A. $\frac{33}{7}$
B. 6
C. $\frac{43}{7}$
D. 7

Ans
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

Q.17

Question ID : **9888371666**
Status : **Answered**

Nepal's first woman President is

Chosen Option : **1**

A. Rita Bhandary

B. Vidya Devi Bhandari

C. Aishwarya Rajya Laxmi

D. Komal Rajya Laxmi

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

---

**Q.18** If **PQRST : SPTRQ** then **HIJKL :?**

Question ID : **9888371724**
Status : **Answered**
Chosen Option : **2**

A. KHJLI

B. KHLIJ

C. KHLJI

D. KHILJ

**Ans**
✘ 1. B
✔ 2. C
✘ 3. A
✘ 4. D

---

**Q.19** 4 men can build a small house in 12 days. How long would it take for 6 men to build the same house?

Question ID : **9888371699**
Status : **Answered**
Chosen Option : **1**

A. 9 days

B. 8 days

C. 8.1 days

D. 8.2 days

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

---

**Q.20** The human spinal column is made up of _____ bones.

Question ID : **9888371680**
Status : **Answered**
Chosen Option : **4**

A. 33

B. 42

C. 44

D. 53

**Ans**
✘ 1. C
✘ 2. D
✔ 3. A
✘ 4. B

---

**Q.21**

Question ID : **9888371726**
Status : **Answered**
Chosen Option : **1**

Simplify: $\frac{5}{28} \div \frac{28}{35} \div \frac{20}{112}$

A. 4/5

B. 5/4

C. 4/7

D. 7/4

Ans
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

---

**Q.22** A shopkeeper cheats to the extent of 8% while buying and selling fruits, by using tampered weights, his total gain in percentage is:

A. 16.25
B. 16.64
C. 16.75
D. 16.5

Question ID : **9888371706**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. D
✘ 2. C
✔ 3. B
✘ 4. A

---

**Q.23** Select the alternative that shows a similar relationship as the given pair -

**Impulsive : Impromptu**

A. Moderate : Increase
B. Flawless : Impeccable
C. Perpetual : Transitory
D. Resistant : Receptive

Question ID : **9888371730**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

---

**Q.24** Find the odd one out.

i ii iii iv

Question ID : **9888371727**
Status : **Answered**
Chosen Option : **3**

A. iii
B. ii
C. i
D. iv

Ans
✘ 1. B
✘ 2. C
✔ 3. D
✘ 4. A

**Q.25** If **Ammonia : Gas** then **Camphor :?**

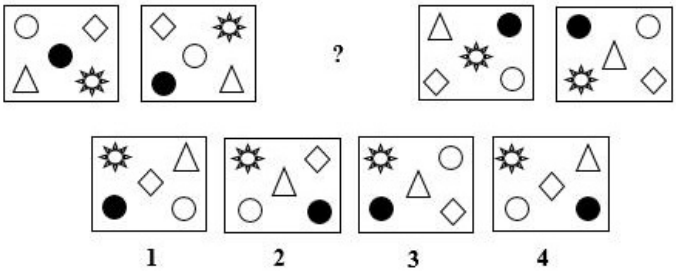
Question ID : **9888371728**
Status : **Answered**
Chosen Option : **1**

A. Gas
B. Solid
C. Liquid
D. Semi-solid

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.26** Which figure will replace the (?) in the given sequence?

Question ID : **9888371739**
Status : **Answered**
Chosen Option : **3**




A. 1
B. 2
C. 3
D. 4

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.27** The cash difference between the selling price of an article at a profit of 2% and 12% is Rs.3. The ratio of two selling prices is:

Question ID : **9888371707**
Status : **Not Attempted**
Chosen Option : **--**

A. 51:56
B. 51:53
C. 52:53
D. 55:56

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

**Q.28** Which one does not relate to mobile phone touch panel sensing methods?

Question ID : **9888371671**
Status : **Answered**
Chosen Option : **4**

A. Finger touch
B. Voice recognition
C. Gloved touch
D. Light transmittance

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.29** Ms. Alina borrowed Rs. 650 at 6% per annum simple interest. What amount will she pay to clear her debt after 4 years?

A. Rs. 165
B. Rs. 860
C. Rs. 806
D. Rs. 156

Question ID : **9888371703**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Q.30** Which is the correct ascending order of the given numbers?

A. 1/3, 1/5, 2/5
B. 1/3, 2/5, 1/5
C. 1/5, 1/3, 2/5
D. 1/5, 2/5, 1/3

Question ID : **9888371691**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.31** _____ does not relate to measurement of memory capacity.

A. GB
B. TB
C. HB
D. ZB

Question ID : **9888371682**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

**Q.32** Statements followed by some conclusions are given below.

**Statements:**

1. Some blues are violets whereas some are purples.
2. All oranges are reds and some reds are violets.
3. All purples are red.

**Conclusions:**

I. Some reds are blues.
II. Some oranges are violets.

**Find which of the given conclusions logically follow from the given statements.**

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Question ID : **9888371738**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

**Q.33**

Question ID : **9888371656**

Ghoomar is the popular folk dance of

Status : **Answered**
Chosen Option : **3**

A. Punjab
B. Himachal Pradesh
C. Rajasthan
D. Jammu and Kashmir

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

---

**Q.34** Solve: $1000\,x - 5 = -6$

Question ID : **9888371710**
Status : **Answered**
Chosen Option : **3**

A. $\frac{1}{1000}$
B. $\frac{-1}{1000}$
C. $\frac{-11}{1000}$
D. $\frac{11}{1000}$

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

---

**Q.35** The order of rotational symmetry of a trapezium is:

Question ID : **9888371713**
Status : **Answered**
Chosen Option : **1**

A. 2
B. 0
C. 1
D. 3

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

---

**Q.36** Astronauts inside spaceship feel _____ weight.

Question ID : **9888371687**
Status : **Answered**
Chosen Option : **1**

A. More
B. Less
C. Zero
D. Depends on G force

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D

✗ 4. A

**Q.37** Who awarded the Kaisar-i-Hind medal of the British to Mahatma Gandhi for his contribution to ambulance services in South Africa?

A. Lord Dalhousie
B. Lord Canning
C. Lord Hardinge
D. Lord Curzon

Question ID : **9888371658**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.38** The median of the data -3, 4, 0, 4, -2, -5, 1, 7, 10, 5 is:

A. 2
B. 2.5
C. 2.75
D. 3

Question ID : **9888371717**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

**Q.39** Correct expression of $0.0\overline{18}$ =?

A. $\frac{1}{55}$
B. $\frac{18}{100}$
C. $\frac{18}{1000}$
D. $\frac{1}{66}$

Question ID : **9888371693**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.40** If $Tan\ A = \frac{15}{8}$ and $Tan\ B = \frac{7}{24}$, then $Tan\ (A-B) = ?$

A. $\frac{304}{297}$
B. $\frac{304}{425}$
C. $\frac{416}{87}$
D. $\frac{87}{416}$

Question ID : **9888371715**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D

✔ 2. A

✘ 3. C

✘ 4. B

**Q.41** Function key ___ in a Windows keyboard can perform several functions, and does not have an assigned Windows default.

A. F1
B. F6
C. F8
D. F9

Question ID : **9888371681**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. A

✘ 2. D

✘ 3. B

✔ 4. C

**Comprehension:**

Out of the 100 nature lovers, 20 people wanted to see only bison, 30 wanted to see both bison and tiger, 15 wanted to see only leopard, 25 wanted to see only tiger, 5 wanted to see both bison and leopard and the remaining wanted to see only bear.

**SubQuestion No : 42**

**Q.42** The ratio of people to wanted to see tiger to those who wanted to see bear is

A. 1/11
B. 11/3
C. 11/1
D. 3/11

Question ID : **9888371744**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D

✘ 2. A

✔ 3. C

✘ 4. B

**Comprehension:**

Out of the 100 nature lovers, 20 people wanted to see only bison, 30 wanted to see both bison and tiger, 15 wanted to see only leopard, 25 wanted to see only tiger, 5 wanted to see both bison and leopard and the remaining wanted to see only bear.

**SubQuestion No : 43**

**Q.43** How many people who wanted to see bison did not want to see leopard?

A. 5
B. 15
C. 50
D. 55

Question ID : **9888371743**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C

✘ 2. D

✘ 3. B

✘ 4. A

**Comprehension:**

Out of the 100 nature lovers, 20 people wanted to see only bison, 30 wanted to see both bison and tiger, 15 wanted to see only leopard, 25 wanted to see only tiger, 5 wanted to see both bison and leopard and the remaining wanted to see only bear.

**SubQuestion No : 44**

**Q.44**

Question ID : **9888371742**
Status : **Answered**
Chosen Option : **1**

How many people wanted to see only one animal?

A. 35

B. 65

C. 60

D. 50

Ans
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

---

**Q.45** Acid rain is caused by release of _____ and _____ into the air.

Question ID : **9888371663**
Status : **Answered**
Chosen Option : **3**

A. Carbon dioxide and carbon monoxide

B. Sulphur dioxide and nitrogen oxides

C. Oxygen and water vapour

D. Nitrous oxide and ozone

Ans
✘ 1. A
✔ 2. B
✘ 3. D
✘ 4. C

---

**Q.46** IF **JAGUAR = HCEWYT** then **ELEPHANT =?**

Question ID : **9888371722**
Status : **Answered**
Chosen Option : **1**

A. CMCFRCLV

B. CNCRFCLV

C. CNCFRCLV

D. CNCRECLV

Ans
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

---

**Q.47** Given $w=-2, x=3, y=0$ & $z=-\frac{1}{2}$. Find the value of $\frac{z}{w}+x$.

Question ID : **9888371708**
Status : **Answered**
Chosen Option : **4**

A. $3\frac{1}{4}$

B. $-3\frac{1}{4}$

C. 3.2

D. 3.5

Ans
✘ 1. D
✘ 2. C
✔ 3. A
✘ 4. B

---

**Q.48**

Question ID : **9888371689**

Compute: 28854 ÷ 458 ÷ 9

Status : **Answered**
Chosen Option : **1**

A. 70
B. 567
C. 7
D. 576

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.49** Who was elected as the Prime Minister of Nepal in 2015?

Question ID : **9888371654**
Status : **Answered**
Chosen Option : **3**

A. Khil Raj Regmi
B. Sushil Koirala
C. K. P. Sharma Oli
D. Baburam Bhattarai

**Ans**
✘ 1. A
✘ 2. B
✘ 3. D
✔ 4. C

**Q.50** Q is P's sister. R is P's mother. M is Mrs. R's father. How is Q's father related to M?

Question ID : **9888371733**
Status : **Answered**
Chosen Option : **1**

A. Son
B. Grandson
C. Son-in-law
D. Brother

**Ans**
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

**Q.51** Chandan travelled equal distance with speed of 3 km/hr, 4 km/hr and 8 km/hr and takes a total time of 42.5 minutes. Find the total distance in km.

Question ID : **9888371702**
Status : **Answered**
Chosen Option : **2**

A. 4
B. 2
C. 1
D. 3

**Ans**
✘ 1. C
✘ 2. B
✔ 3. D
✘ 4. A

**Q.52** Which cricketer is not in the list of ICC Cricket Hall of Fame?

Question ID : **9888371667**
Status : **Answered**
Chosen Option : **4**

A. Anil Kumble
B. Bishen Singh Bedi
C. Kapil Dev
D. Ravi Shastri

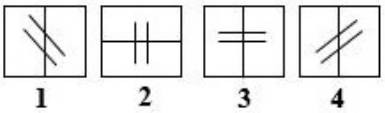
**Ans**
✔ 1. D
✘ 2. C

✗ 3. A

✗ 4. B

**Q.53** **Find the odd one out.**

Question ID : **9888371729**
Status : **Answered**
Chosen Option : **1**




A. 1

B. 2

C. 3

D. 4

**Ans**

✗ 1. C

✗ 2. A

✓ 3. B

✗ 4. D

**Q.54** Borosilicate glass wear is used in microwave oven because

Question ID : **9888371688**
Status : **Answered**
Chosen Option : **2**

A. It is not brittle

B. It is highly heat resistant

C. It cooks faster than any other vessel

D. It is energy efficient

**Ans**

✗ 1. A

✓ 2. B

✗ 3. D

✗ 4. C

**Q.55** A junior college inducts students based on the following criteria –

1. Students who scored above 75% in Physics, 85% in Mathematics and 70% in Chemistry.
2. Students who scored at least 60% in English.
3. Students who are good in a sport or play a musical instrument or know a dance form.

Which student among the following will the college definitely take?

Question ID : **9888371750**
Status : **Answered**
Chosen Option : **1**

A. Shakti with 80% in Physics, 65% in Chemistry, 85% in Mathematics, 61% in English and plays veena.

B. Megha secured 80% in Physics, 87% in Mathematics, 70% in English, 75% in Chemistry and is a singer.

C. Sheela secured 78% in Physics, 70% in Chemistry, 85% in Mathematics, 75% in English knows Manipuri folk dance.

D. Mallika secured 70% in Chemistry, 70% in Mathematics, 85% in Physics, 65% in English and plays basketball.

**Ans**

✓ 1. C

✗ 2. B

✗ 3. D

✗ 4. A

**Q.56** Manoj is twice as good a fisherman as Arunraj and together they finish a piece of work in 22 days. In how many days will Arunraj alone finish the work?

Question ID : **9888371700**
Status : **Answered**
Chosen Option : **1**

A. 44

B. 66

C. 88

D. 60

**Ans**

✓ 1. B

✗ 2. A

✗ 3. C

✗ 4. D

**Q.57** Mr. Devesh borrowed Rs. 4,500 at 4% per annum compound interest. The compound interest compounded annually for 2 years is:

A. Rs. 367.2
B. Rs. 4,867.2
C. Rs. 4,876.2
D. Rs. 376.2

Question ID : **9888371704**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. C
✘ 3. D
✘ 4. B

**Q.58** Two numbers are in ratio 4:5 and their HCF is 13. Their LCM is:

A. 260
B. 52
C. 65
D. 265

Question ID : **9888371696**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. C
✘ 2. B
✔ 3. A
✘ 4. D

**Q.59** In a certain code, '**book is big**' is written as **756**; '**big is story**' is **764** and '**story book is interesting**' is **4356**. Which digit represents '**interesting**'?

A. 3
B. 4
C. 5
D. 6

Question ID : **9888371719**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. C
✘ 3. D
✔ 4. A

**Q.60** Transparency International (TI) has put India at rank ____ out of 168 countries in its Corruption Perception Index as on January 2016.

A. 68
B. 76
C. 84
D. 101

Question ID : **9888371650**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. C
✘ 2. D
✔ 3. B
✘ 4. A

**Q.61** Simplify: $5x-2x(x-1)$

A. $3x-2$
B. $3x+2$
C. $7x+2x^2$
D. $7x-2x^2$

Question ID : **9888371709**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

**Q.62** The number of sides of a regular polygon whose exterior angles are each $40^0$ is:

A. 7
B. 10
C. 9
D. 8

Question ID : **9888371711**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.63** Western blot is the diagnostic test for

A. Plague
B. Leprosy
C. HIV
D. Typhoid

Question ID : **9888371675**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.64** Kalindi is another name of the river

A. Ganges
B. Bhagirathi
C. Yamuna
D. Brahmaputra

Question ID : **9888371653**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.65** Which of the following was described as the First Indian War of Independence?

A. Partition of Bengal, 1905
B. Uprising of 1857
C. Civil Disobedience Movement, 1930 – 1931
D. Quit India Movement, 1942

Question ID : **9888371657**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.66** Mr. Akshar sold a bus for Rs. 20,400 with a loss of 15%. At what price should the bus be sold to get a profit of 15%?

A. Rs. 27,400
B. Rs. 27,300
C. Rs. 27,500
D. Rs. 27,600

Question ID : **9888371705**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. C

✗ 3. A

✗ 4. B

**Q.67** CMOS is a

A. Battery-powered memory chip

B. Basic input-output system

C. Storage device

D. Cache memory operating system

Question ID : **9888371683**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. A
✗ 4. C

**Q.68** _____ was India's first satellite launched from Indian-made launch vehicle.

A. Aryabhata
B. Rohini
C. Bhaskara-1
D. INSAT-1A

Question ID : **9888371684**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.69** Which one of the following does not directly refer to cholesterol?

A. Low density lipoprotein
B. High density lipoprotein
C. Rhesus factor
D. Packaged protein coat

Question ID : **9888371679**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.70** The nation-wide campaign 'Operation Smile' is related to

A. Senior citizens
B. War widows
C. Freedom fighters
D. Missing children

Question ID : **9888371649**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

**Q.71**

Question ID : **9888371670**
Status : **Answered**
Chosen Option : **3**

The functioning of a very old model pendulum clock was completely

A. Mechanical
B. Mechanical and electrical
C. Electrical
D. Battery operated

Ans
1. D
2. A
3. C
4. B

Q.72 Mughal Emperor Humayun's tomb is in

Question ID : **9888371669**
Status : **Answered**
Chosen Option : **1**

A. Kabul
B. Delhi
C. Shahdara Bagh
D. Khuldabad

Ans
1. B
2. D
3. C
4. A

Q.73 _____ won the FIFA Ballon d'Or award for the best player in the World in 2015.

Question ID : **9888371659**
Status : **Answered**
Chosen Option : **3**

A. Cristiano Ronaldo
B. Neymar
C. Lionel Messi
D. Luis Suarez

Ans
1. A
2. D
3. C
4. B

Q.74 Air is a _____.

Question ID : **9888371673**
Status : **Answered**
Chosen Option : **1**

A. Pure compound.
B. Mixture of only compounds.
C. Mixture of only elements.
D. Mixture of both elements and compounds.

Ans
1. D
2. A
3. C
4. B

Q.75

Question ID : **9888371660**
Status : **Answered**
Chosen Option : **3**

Which one is not a football stadium in India?

A. Bakshi Stadium, Srinagar

B. Baichung Stadium, Sikkim

C. Salt Lake Stadium, Kolkata

D. Sardar Patel Stadium, Ahmedabad

Ans ✔ 1. D

✘ 2. A

✘ 3. B

✘ 4. C

**Q.76** **An assertion (A) and a reason (R) are given below.**

**Assertion (A)**: Some land outside the forest area is not fertile.

**Reason (R)**: Extensive cattle grazing leads to loss of soil fertility.

Choose the correct option.

Question ID : **9888371751**
Status : **Answered**
Chosen Option : **3**

A. Both **A** and **R** are true and **R** is the correct explanation of **A**

B. Both **A** and **R** are true, but **R** is not the correct explanation of **A**

C. **A** is true, but **R** is false

D. **A** is false, but **R** is true

Ans ✘ 1. A

✔ 2. B

✘ 3. C

✘ 4. D

**Q.77** If the product of two numbers is 2522 and their LCM is 97 then their HCF is:

Question ID : **9888371695**
Status : **Answered**
Chosen Option : **3**

A. 28

B. 29

C. 27

D. 26

Ans ✘ 1. B

✘ 2. C

✔ 3. D

✘ 4. A

**Q.78** Who was appointed as the Managing Director of International Monetary Fund for 5 years starting July 5, 2016?

Question ID : **9888371651**
Status : **Answered**
Chosen Option : **3**

A. Strauss-Khan

B. Christine Lagarde

C. Jim Yong Kim

D. Rodrigo de Rato

Ans ✘ 1. A

✔ 2. B

✘ 3. C

✘ 4. D

**Q.79** American astronaut Scott Joseph Kelly commanded the International Space Station consecutively for 340 days on _____.

Question ID : **9888371686**
Status : **Answered**
Chosen Option : **4**

A. Expedition 24

B. Expedition 25

C. Expedition 26

D. Expedition 27

Ans ✘ 1. B

✗ 2. A

✗ 3. D

✓ 4. C

**Q.80** Which article of the Constitution of India relates to Uniform Civil Code?

Question ID : **9888371665**
Status : **Answered**
Chosen Option : **1**

A. 41

B. 42

C. 43

D. 44

**Ans**

✗ 1. B

✗ 2. A

✗ 3. C

✓ 4. D

**Q.81** The value of $2.31 \times 0.34 = ?$

Question ID : **9888371692**
Status : **Answered**
Chosen Option : **3**

A. 1.7854

B. 0.7854

C. 0.7845

D. 0.7584

**Ans**

✗ 1. C

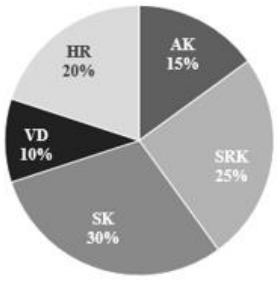
✗ 2. A

✓ 3. B

✗ 4. D

**Comprehension:**

The pie chart represents the favourite stars (Bollywood stars SRK, SK, AK, HR and VD) of the people of a family.




Consider the pie chart and answer questions based on it.

**SubQuestion No : 82**

**Q.82** The ratio of people who like SRK to those who like SK is

Question ID : **9888371748**
Status : **Answered**
Chosen Option : **4**

A. 6/5

B. 5/6

C. 1/2

D. 2/1

**Ans**

✗ 1. A

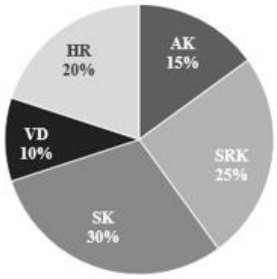
✗ 2. D

✗ 3. C

✓ 4. B

**Comprehension:**

The pie chart represents the favourite stars (Bollywood stars SRK, SK, AK, HR and VD) of the people of a family.




Consider the pie chart and answer questions based on it.

**SubQuestion No : 83**

**Q.83** The sector angle corresponding to the HR is

A. $36^\circ$

B. $72^\circ$

C. $54^\circ$

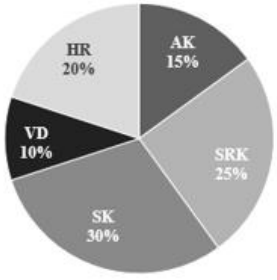
D. $108^\circ$

Question ID : **9888371747**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

**Comprehension:**

The pie chart represents the favourite stars (Bollywood stars SRK, SK, AK, HR and VD) of the people of a family.




Consider the pie chart and answer questions based on it.

**SubQuestion No : 84**

**Q.84** If there are 40 people in the family, what is the difference between those who like AK and those who like VD?

A. 2
B. 3
C. 4
D. 6

Question ID : **9888371746**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. C
✘ 3. D
✔ 4. A

**Q.85** What is not true with CT Scan?

A. Combines many X-ray images.

B. Scanning is often painful.

C. Generates 3-D cross-sectional views.

D. Identifies normal and abnormal structures.

Question ID : **9888371677**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

Q.86 Find the odd one out.

Question ID : **9888371674**
Status : **Answered**
Chosen Option : **2**

A. Cocaine
B. Caffeine
C. Nicotine
D. Heroin

Ans
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

Q.87 The number seats of Lok Sabha was increased from 525 to _____ in 1973.

Question ID : **9888371664**
Status : **Answered**
Chosen Option : **1**

A. 560
B. 555
C. 550
D. 545

Ans
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

Q.88 Which of the following is not regarded as helpful to compost?

Question ID : **9888371662**
Status : **Answered**
Chosen Option : **3**

A. Egg shells
B. Sawdust
C. Tea-bags
D. Fish bones

Ans
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

Q.89 Simplify: $(25)^{\frac{3}{2}}$

Question ID : **9888371694**
Status : **Answered**
Chosen Option : **4**

A. 625
B. 15625
C. 125
D. $\sqrt{125}$

Ans
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.90** Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

A. GIANTLER
B. NILE
C. MUBORSH
D. RASQUE

Question ID : **9888371740**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

**Q.91** Aditya said, "I have two children and Anil is the father of my daughter's only niece". How is Anil related to Aditya?

A. Father
B. Son
C. Grandfather
D. Brother

Question ID : **9888371732**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.92** Identify the positive impact of internet in life.

A. Cyber-crimes are on the increase.
B. Users suffer from internet addiction disorder.
C. Best source of knowledge through a click.
D. Leads to less physical activity and poor eye sight.

Question ID : **9888371678**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.93** If the mathematical operator, '+' means '×', '÷' means '–' , '–' means '+', and '×' means '÷', then the value of $11 + 14 \times 7 - 5 \div 29$ is

A. –5
B. –12
C. –7
D. –2

Question ID : **9888371725**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

**Q.94** Statements followed by some conclusions are given below.

**Statements:**

A. Ravi works more than Meera who works 8 hours every day.
B. Yuvi works for 9 hours a day which is lesser than Ravi's by 1 hour.

**Conclusions:**

I. Ravi works for 8 hours.
II. Ravi and Yuvi both work more than Meera every day.

Find which of the given conclusions logically follow from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Question ID : **9888371749**
Status : **Answered**
Chosen Option : **1**

**Ans**

1. A
2. B
3. D
4. C

**Q.95** Compute: 4082 ÷ 157 - 23

A. -3
B. 3
C. 2041/67
D. 2014/67

Question ID : **9888371690**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. A
3. C
4. D

**Q.96** Keerthana takes 9hrs 20minutes in walking a distance and riding back to same place where she started. She could walk both ways in 11hrs 15minutes. The time taken by her to ride back both ways is:

A. 7 hrs 25 min
B. 7 hrs 35 min
C. 7 hrs 45 min
D. 7 hrs 15 min

Question ID : **9888371701**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. A
2. C
3. B
4. D

**Q.97** If **BLACK** = **AMZDJ** then **BEAUTIFUL** =?

A. AEZSUJEVK
B. AFZVSJEVK
C. AEZSUJFVK
D. AEZSSJEVK

Question ID : **9888371721**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. C
2. D
3. A
4. B

**Q.98** The world heritage site Pashupatinath temple is located at

A. Peshawar
B. Kabul
C. Kathmandu
D. Multan

Question ID : **9888371668**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. A
2. B
3. D
4. C

**Q.99**

What is the next number in the series –

**4, 8, 8, 16, 12, 24, ___**

A. 32

B. 48

C. 28

D. 16

Question ID : **9888371723**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Q.100** Anand's mother is Chandra's father's son's sister. How is Anand related to Chandra's father?

A. Grandfather
B. Father
C. Uncle
D. Grandson

Question ID : **9888371731**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 11th April 2016 Shift 3

| | |
|---|---|
| Roll No: | 15317866350543 |
| Participants Name: | ROHIT PAL |
| Test Center Name: | iON Digital Zone iDZ, Chitoura Road |
| Test Date: | 11/04/2016 |
| Test Time: | 4:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** वृत के केंद्र पर वृत्त चाप द्वारा बना कोण उसकी परिधि पर बने कोण के/से ---------- होता है|

A. बराबर
B. तिगुना
C. दुगना
D. आधा

Question ID : **2055232536**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.2** 198 रूपये को 2:3:5:8 में विभाजित किया जाए, तो रूपये उनके संबंधित अनुपात में होंगे :

A. 22, 33, 54 और 89
B. 22, 33, 56 और 87
C. 22, 33, 55 और 88
D. 22, 34, 54 और 88

Question ID : **2055232520**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.3** दी गयी संख्याओं में से किसका आरोही क्रम सही है?

A. $\frac{5}{8}, \frac{19}{24}, \frac{11}{16}$
B. $\frac{11}{16}, \frac{5}{8}, \frac{19}{24}$
C. $\frac{5}{8}, \frac{11}{16}, \frac{19}{24}$
D. $\frac{19}{24}, \frac{11}{16}, \frac{5}{8}$

Question ID : **2055232514**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.4**

Question ID : **2055232537**
Status : **Answered**

यदि $Cot\ x = \frac{5}{12}$ है, तो $Sin\ x - Sec\ x = ?$

Chosen Option : **1**

A. $-\frac{229}{65}$

B. $\frac{229}{65}$

C. $\frac{109}{65}$

D. $-\frac{109}{65}$

**Ans**

✗ 1. A

✗ 2. C

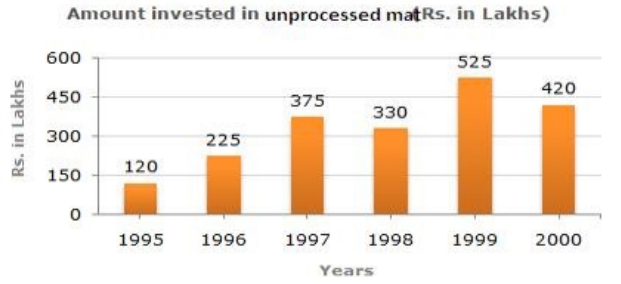
✓ 3. D

✗ 4. B

**Comprehension:**

**नीचे दिए गए ग्राफ का अध्ययन कीजिये और निम्नलिखित सवालों के जवाब दीजिये|**

नीचे दिए गए दो ग्राफ में से एक कुछ वर्षों में कंपनी द्वारा असंसाधित सामग्री को खरीदने के लिए निवेश की गयी राशि को दर्शाता है (लाख रु में) और दूसरा कुछ वर्षों में कंपनी द्वारा बेचे गए संसाधित माल के मूल्यों (लाख रु में) को दर्शाता है।



**SubQuestion No : 5**

**Q.5** कौनसे वर्ष में, असंसाधित सामग्री पर निवेश किये हुए मूल्य में प्रतिशत परिवर्तन (पिछले वर्ष की तुलना में) संसाधित माल की बिक्री के मूल्य के समान ही है?

Question ID : **2055232571**

Status : **Answered**

Chosen Option : **1**

A. 1996

B. 1997

C. 1998

D. 1999

**Ans**

✗ 1. A

✗ 2. C

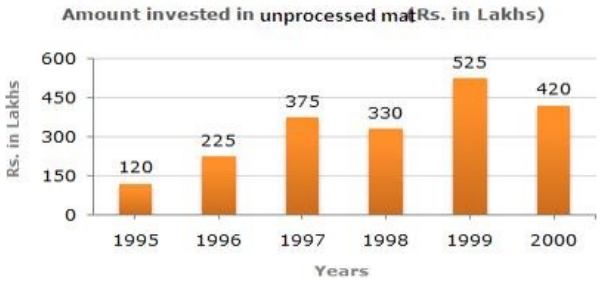
✗ 3. D

✓ 4. B

**Comprehension:**

**नीचे दिए गए ग्राफ का अध्ययन कीजिये और निम्नलिखित सवालों के जवाब दीजिये|**

नीचे दिए गए दो ग्राफ में से एक कुछ वर्षों में कंपनी द्वारा असंसाधित सामग्री को खरीदने के लिए निवेश की गयी राशि को दर्शाता है (लाख रु में) और दूसरा कुछ वर्षों में कंपनी द्वारा बेचे गए संसाधित माल के मूल्यों (लाख रु में) को दर्शाता है।



**SubQuestion No : 6**

**Q.6** दी गयी अवधि के दौरान असंसाधित सामग्री में निवेश की गई औसत राशि और इस अवधि के दौरान संसाधित माल की बिक्री के औसत मूल्य के बीच अंतर क्या था?

A. 62.5 लाख रूपये
B. 68.5 लाख रूपये
C. 71.5 लाख रूपये
D. 77.5 लाख रूपये

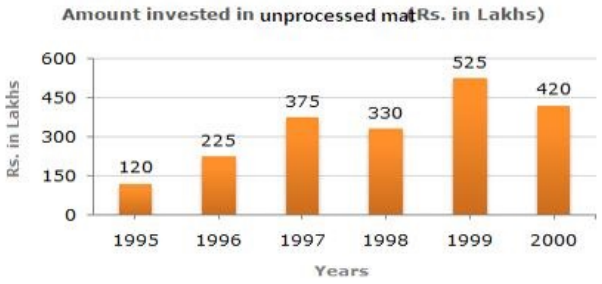
Question ID : **2055232570**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Comprehension:**

**नीचे दिए गए ग्राफ का अध्ययन कीजिये और निम्नलिखित सवालों के जवाब दीजिये|**

नीचे दिए गए दो ग्राफ में से एक कुछ वर्षों में कंपनी द्वारा असंसाधित सामग्री को खरीदने के लिए निवेश की गयी राशि को दर्शाता है (लाख रु में) और दूसरा कुछ वर्षों में कंपनी द्वारा बेचे गए संसाधित माल के मूल्यों (लाख रु में) को दर्शाता है।



**SubQuestion No : 7**

**Q.7**

Question ID : **2055232569**
Status : **Answered**

1999 में संसाधित माल की बिक्री का मूल्य वर्ष 1997, 1998 और 1999 में असंसाधित सामग्री में निवेश की गई राशि के कुल योग का लगभग क्या प्रतिशत था?

Chosen Option : **1**

A. 33%
B. 37%
C. 45%
D. 49%

**Ans**
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

**Q.8** तुंगभद्रा (Tungabhadra) बहुउद्देशीय परियोजना निम्नलिखित नदियों में से किस नदी की उपनदी के तट पर स्थापित की गयी है?

Question ID : **2055232496**
Status : **Answered**
Chosen Option : **3**

A. गोदावरी
B. कृष्णा
C. महानदी
D. सिंधु

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Q.9** भारतीय निर्वाचन आयोग निम्नलिखित में से किस की चुनाव प्रक्रिया के प्रशासन के लिए जिम्मेदार नहीं है?

Question ID : **2055232472**
Status : **Answered**
Chosen Option : **1**

A. लोकसभा
B. राज्य विधानसभाओं
C. राष्ट्रपति और उपराष्ट्रपति के कार्यालयों
D. पंचायत चुनाव

**Ans**
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

**Q.10** 19170 ÷ 54 ÷ 5 की गणना कीजिए।

Question ID : **2055232512**
Status : **Answered**
Chosen Option : **2**

A. 17
B. 1775
C. 71
D. 1757

**Ans**
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

**Q.11** **कथन पढ़िए और दिए गए विकल्पों में से एक निष्कर्ष का चयन करें:**

Question ID : **2055232572**
Status : **Answered**
Chosen Option : **4**

**कथन:**
ऊर्जा के नवीकरणीय स्रोत का उपयोग दुनिया में ऊर्जा के संकट को समाप्त करेगा।
**निष्कर्ष:**
I. आधुनिक प्रौद्योगिकी धीरे-धीरे ऊर्जा के गैर-नवीकरणीय स्रोत की जगह ले रही है।
II. पर्यावरण का अत्यधिक शोषण ऊर्जा के गैर- नवीकरणीय स्रोतों की कमी निर्मित करने के लिए जिम्मेदार है।

A. केवल निष्कर्ष I अनुसरण करता है |
B. केवल निष्कर्ष II अनुसरण करता है |
C. या तो I या II अनुसरण करता है |
D. न तो I और न ही II अनुसरण करता है |

**Ans**
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

**Q.12**

Question ID : **2055232497**

_____ भारत का सबसे बड़ा टाइगर रिजर्व है।

Status : **Answered**
Chosen Option : **3**

A. जिम कॉर्बेट टाइगर रिजर्व
B. सुंदरबन टाइगर रिजर्व
C. सतपुड़ा टाइगर रिजर्व
D. नागार्जुन सागर-श्रीशैलम टाइगर रिजर्व

**Ans**
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

**Q.13** शब्दों की चार जोड़ी नीचे दी गयी है, जिनमें से तीन कुछ तरीके से एक जैसी हैं और एक जोड़ी अलग है।

कौनसी जोड़ी बाकी जोड़ियों से अलग है?

Question ID : **2055232553**
Status : **Answered**
Chosen Option : **1**

A. प्रिंसिपल : स्कूल
B. योद्धा : फौज
C. कलाकार : मंडली
D. गायक : कोरस

**Ans**
✘ 1. C
✘ 2. B
✘ 3. D
✔ 4. A

**Q.14** सुश्रुता (Susruta) को ----------के रूप में जाना जाता है?

Question ID : **2055232492**
Status : **Answered**
Chosen Option : **4**

A. भारतीय चिकित्सा के जनक
B. भारतीय शल्य चिकित्सा के जनक
C. भारतीय पारिस्थितिकीय के जनक
D. भारतीय पेलियोबॉटनी के जनक

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.15** प्रेशर कुकर, सॉस पैन, आदि जैसी एल्युमिनियम की वस्तुओं को ऐनोडाइज़ (कलई) क्यों किया जाता है?

Question ID : **2055232500**
Status : **Answered**
Chosen Option : **3**

A. उनकी चालकता बढ़ाने के लिए।
B. उनकी तन्यता ताकत बढ़ाने के लिए।
C. उन्हें जंग लगने से बचाने के लिए।
D. उन्हें हल्का और अधिक चमकदार बनाने के लिए।

**Ans**
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

**Q.16** सिपाही का विद्रोह (Sepoy Mutiny) _____ में 1857 में शुरू हुआ था।

Question ID : **2055232499**
Status : **Answered**
Chosen Option : **1**

A. आगरा
B. मेरठ
C. लखनऊ
D. अलीगढ़

**Ans**
✔ 1. B

✗ 2. A

✗ 3. C

✗ 4. D

**Q.17** एक ट्यूब में दो छिद्र (punctures) हैं । अकेला पहला छिद्र ट्यूब को 29 मिनट में खाली करता है। अकेला दूसरा छिद्र ट्यूब को 6 मिनट में खाली करता है। यदि रिसाव एक निश्चित दर से हो रहा है, तो दोनो छिद्रों के द्वारा मिलकर ट्यूब कितनी देर में खाली हो जायेगी?

A. $\frac{34}{35}$
B. $3\frac{34}{35}$
C. $4\frac{33}{35}$
D. $4\frac{34}{35}$

Question ID : **2055232522**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C

✗ 2. B

✓ 3. D

✗ 4. A

**Q.18** $3(x-2)-(x-2)$ को सरल कीजिए।

A. $2x+8$
B. $-2x+4$
C. $2x+4$
D. $2x-4$

Question ID : **2055232532**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D

✗ 2. C

✗ 3. B

✗ 4. A

**Q.19** कौन सा अंतरराष्ट्रीय हवाई अड्डा पूर्ण रूप से सौर ऊर्जा पर संचालित दुनिया का पहला हवाई अड्डा बन गया है?

A. त्रिवेंद्रम अंतरराष्ट्रीय हवाई अड्डा
B. कोचीन अंतरराष्ट्रीय हवाई अड्डा
C. गोवा अंतरराष्ट्रीय हवाई अड्डा
D. अमृतसर अंतरराष्ट्रीय हवाई अड्डा

Question ID : **2055232481**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

**Q.20** 2 मिनट 30 सेकण्ड का इन्टरनेट डाऊनलोड बिल 18 रूपये है, तो 3 मिनट 20 सेकण्ड का बिल कितने रूपये होगा? (एक दशमलव स्थान तक)

A. 24
B. 24.1
C. 24.2
D. 23.9

Question ID : **2055232521**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B

✓ 2. A

✗ 3. D

✗ 4. C

**Q.21** बैंकॉक में आयोजित 7वीं विश्व शरीर सौष्ठव और काया चैम्पियनशिप WBPF किसने स्वर्ण पदक जीता है?

A. जॉन माइकल कोंलान (John Michael Conlan)
B. युनफ़ी ली (Yunfei Li)
C. ठाकुर अनूप सिंह (Thakur Anoop Singh)
D. शिव थापा (Shiva Thapa)

Question ID : **2055232486**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A

✗ 2. B

✔ 3. C

✘ 4. D

**Q.22** निम्नलिखित जानकारी पर विचार करें:
'<' का अर्थ है 'घटाना', '>' का अर्थ है 'जोड़ना', '=' का अर्थ है 'से गुणा करना' और '$' का अर्थ है 'से विभाजित करना' - तो निम्नलिखित का मूल्य बताएं 27 > 81 $ 9 < 6 =?

A. 6
B. 30
C. 36
D. 54

Question ID : **2055232548**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. A
✘ 3. D
✔ 4. B

**Q.23** एक डाटा के सेट का प्रसरण (variance) 81 है, तो डाटा का मानक विचलन ज्ञात कीजिए।

A. ±9
B. 9
C. 81
D. 40.5

Question ID : **2055232540**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. A
✘ 2. C
✔ 3. B
✘ 4. D

**Q.24** निम्नलिखित जानकारी पर विचार करें:
यदि + का अर्थ x है, − का अर्थ ÷ है, x का अर्थ − है और ÷ का अर्थ + है, तो 26 + 74 − 4 x 5 ÷ 2 का मूल्य बताएं|

A. 220
B. 376
C. 478
D. 488

Question ID : **2055232546**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✘ 2. A
✘ 3. B
✔ 4. C

**Q.25** _____ दुनिया का पहला कृत्रिम उपग्रह था।

A. Apollo 11
B. Sputnik 1
C.Sputnik 0
D.GSAT

Question ID : **2055232507**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. A
✘ 2. D
✔ 3. B
✘ 4. C

**Q.26** शब्दों की चार जोड़ी नीचे दी गयी है, जिनमें से तीन कुछ तरीके से एक जैसी हैं और एक जोड़ी अलग है। कौनसी जोड़ी बाकी जोड़ियों से अलग है?

A. बोतल: वाइन
B. कप : चाय
C. मटका : जल
D. बॉल : बेट

Question ID : **2055232550**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. B
✘ 3. A

✔ 4. D

**Q.27** रंजन 4% की वार्षिक चक्रवर्ती ब्याज की दर पर 7500 रुपये उधार लेता है। 2 वर्षों के लिए चक्रवृद्धि ब्याज क्या होगा जबकि ब्याज वार्षिक चक्रवर्धित होता है?

A. 612 रूपये
B. 8112 रूपये
C. 8121 रूपये
D. 621 रूपये

Question ID : **2055232526**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✘ 2. B
✘ 3. D
✔ 4. A

**Q.28** एक विकार जिसमें एक व्यक्ति दूर की वस्तु को स्पष्ट रूप से नहीं देख सकता है उसे क्या कहा जाता है?

A. हाइपरमेट्रोपिया (Hypermetropia)
B. नाईट ब्लाइंडनेस (Night blindness)
C. मायोपिया (Myopia)
D. स्ट्राबिसमस (Strabismus)

Question ID : **2055232493**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. D
✘ 3. A
✔ 4. C

**Q.29** **कथन पढ़िए और दिए गए विकल्पों में से एक निष्कर्ष का चयन करें:**

**कथन:**
कुछ गहरे काले हैं।
कुछ काले ग्रे हैं।
सभी ग्रे लाल हैं।
सभी लाल शिशु हैं।

**निष्कर्ष:**
I. कुछ लाल काले हैं।
II. कुछ बच्चे काले हैं।
III. कुछ बच्चे ग्रे हैं।
IV. कुछ लाल गहरे हैं।

A. केवल I और II अनुसरण करते हैं |
B. III या IV अनुसरण करता है |
C. I, II और III अनुसरण करते हैं |
D. केवल I, II और III अथवा IV अनुसरण करते हैं |

Question ID : **2055232562**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. D
✘ 3. A
✔ 4. C

**Q.30** $5886 \div 654 - 3$ की गणना कीजिए।

A. -6
B. 6
C. $\frac{1962}{217}$
D. $\frac{1926}{217}$

Question ID : **2055232513**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. C
✘ 2. A

✔ 3. B

✘ 4. D

**Q.31** $\frac{2}{30}, \frac{20}{40}, \frac{4}{50}, \frac{8}{60}$ का LCM ज्ञात कीजिए|

Question ID : **2055232519**
Status : **Answered**
Chosen Option : **2**

A. $\frac{40}{300}$

B. $\frac{2}{10}$

C. $\frac{1}{4}$

D. 4

**Ans**

✘ 1. B

✔ 2. D

✘ 3. C

✘ 4. A

**Q.32** **कथन पढ़िए और दिए गए विकल्पों में से एक निष्कर्ष का चयन करें:**

Question ID : **2055232574**
Status : **Answered**
Chosen Option : **3**

**कथन:**

ग्रामीण और शहरी क्षेत्रों में शिक्षक-छात्र अनुपात में सुधार के लिए राज्य सरकार ने माध्यमिक विद्यालय के शिक्षकों के पदों की अधिक संख्या को मंजूरी देने के लिए सैद्धान्तिक रूप से सहमति दी है।

**निष्कर्ष:**

I. शहरी क्षेत्रों में छात्र-शिक्षक अनुपात ग्रामीण क्षेत्रों की तुलना में अधिक है।
II. ग्रामीण क्षेत्रों में छात्र-शिक्षक अनुपात शहरी क्षेत्रों की तुलना में अधिक है।

A. केवल निष्कर्ष I अनुसरण करता है |
B. केवल निष्कर्ष II अनुसरण करता है |
C. या तो I या II अनुसरण करता है |
D. न तो I और न ही II अनुसरण करता है |

**Ans**

✔ 1. D

✘ 2. C

✘ 3. A

✘ 4. B

**Q.33** भारत में PSLV का पहली बार कब इस्तेमाल किया गया था?

Question ID : **2055232509**
Status : **Answered**
Chosen Option : **1**

A. 1980

B. 1987

C. 1994

D. 2000

**Ans** 1. D

2. B

3. C

4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.34** "प्रधानमंत्री सुरक्षा बीमा योजना" के तहत जोखिम कवरेज कितना है?

Question ID : **2055232483**
Status : **Answered**
Chosen Option : **1**

A. 2 लाख रूपये

B. 1 लाख रुपये

C. 1.5 लाख रुपये

D. 2.25 लाख रुपये

**Ans**

✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

**Q.35** अपने पति को नितिन का परिचय कराते हुए, एक महिला ने कहा, "उसके भाई का पिता मेरे दादा की इकलौती संतान है।" यह औरत नितिन से कैसे संबंधित है?

A. माँ
B. बुआ
C. बहन
D. बेटी

Question ID : **2055232555**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✘ 2. D
✘ 3. B
✔ 4. C

**Q.36** 1 दिसंबर 2015 को किस सारंगी विशेषज्ञ का निधन हो गया था?

A. उस्ताद साबरी खान
B. पंडित राम नारायण
C. उस्ताद सुल्तान खान
D. धुबा घोष

Question ID : **2055232478**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. B
✔ 3. A
✘ 4. C

**Q.37** एक वर्ग के विकर्ण की लम्बाई 26 से.मी. है, वर्ग की भुजा से.मी. में ज्ञात कीजिए।

A. $13\sqrt{2}$
B. $\pm 13\sqrt{2}$
C. 13
D. $26\sqrt{2}$

Question ID : **2055232535**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✔ 2. A
✘ 3. B
✘ 4. C

**Q.38** प्रथम 10 प्राकृतिक संख्याओं का माध्य (mean) ज्ञात कीजिए।

A. 6.5
B. 5.5
C. 7.5
D. 8.5

Question ID : **2055232541**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. C
✘ 2. A
✔ 3. B
✘ 4. D

**Q.39**

Question ID : **2055232556**
Status : **Answered**
Chosen Option : **3**

एक महिला की ओर संकेत करते हुए, उर्मी ने कहा, "वह मेरे पिता के इकलौते बेटे की दादी की बहू है।" यह महिला उर्मी से कैसे संबंधित है? निम्नलिखित वस्तुनिष्ठ से चुनें|

A. भाभी/ननद
B. माँ
C. बहन
D. सास

Ans
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.40** वर्तमान में भारत में वाहन उत्सर्जन मानकों का कौन सा चरण लागू है?

Question ID : **2055232510**
Status : **Answered**
Chosen Option : **1**

A. भारत I
B. भारत II
C. भारत III
D. भारत IV

Ans
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.41** दो जीप 20 कि.मी./घंटा की गति से 10 मिनट के अंतराल पर एक घर से चलती हैं। घर की विपरीत दिशा से आ रही एक महिला को कितनी अधिक गति (कि.मी./घंटा) से चलना पड़ेगा ताकि 6 मिनट के अंतराल पर दूसरी जीप से मिल जाए?

Question ID : **2055232524**
Status : **Answered**
Chosen Option : **3**

A. 13
B. $13\frac{2}{3}$
C. $13\frac{1}{3}$
D. 13.5

Ans
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.42** **कथन पढ़िए और दिए गए विकल्पों में से एक निष्कर्ष का चयन करें:**

Question ID : **2055232563**
Status : **Answered**
Chosen Option : **4**

**कथन:**
सभी बटन गुलाबी हैं।
कुछ गुलाबी काले हैं।
कुछ काले घंटी हैं।
सभी घंटी सफेद हैं।

**निष्कर्ष:**
I. कुछ काले सफेद हैं।
II. कुछ घंटी गुलाबी हैं।
III. कुछ गुलाबी बटन हैं।
IV. कोई भी बटन सफेद नहीं है।

A. केवल I और III अनुसरण करते हैं |
B. III या IV अनुसरण करता है |
C. केवल I और या तो III अथवा IV अनुसरण करते हैं |
D. केवल I, II और III अथवा IV अनुसरण करते हैं |

Ans
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.43**

भारत का एक धर्म - जोरोआस्ट्रियन (Zoroastrian) मुख्य रूप से किस राज्य में पाया जाता है?

A. महाराष्ट्र
B. हरियाणा
C. बिहार
D. केरल

Question ID : **2055232494**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.44** किसी निश्चित कोड भाषा में, यदि RABBIT को 927763 कोड किया गया है और DRAFTER को 8920349 कोड किया गया है, तो BETTER को कैसे कोड किया जाएगा?

A. 743394
B. 743349
C. 734349
D. 373449

Question ID : **2055232542**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

**Q.45** ग्रामीण विकास मंत्रालय द्वारा शुरू किये गए "समन्वय" पोर्टल का उद्देश्य क्या है?

A. सामाजिक सुरक्षा योजना के तहत नामांकन की सुविधा देना।
B. नया व्यवसाय शुरू करने के लिए बैंक से वित्त सहायता को बढ़ावा देना (एक उद्यमी उद्यम)।
C. संसद आदर्श ग्राम योजना की प्रगति और कार्यान्वयन की निगरानी करना।
D. "प्रधानमंत्री जन-धन योजना" की प्रगति और कार्यान्वयन की निगरानी करना।

Question ID : **2055232482**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.46** _____ लिखित दस्तावेज है जो एक मानव विज्ञानी संस्कृति का चित्रण दर्शाते अनुसंधान से तैयार करता है।

A. एथनोग्राफी (Ethnography)
B. कल्चरल रेलेटिविस्म (Cultural Relativism)
C. एथनोसेंट्रिस्म (Ethnocentrism)
D. एथनोबॉटनी (Ethnobotany)

Question ID : **2055232505**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.47** कैंसर के ऊतकों की जांच के लिए _____ की जाती है।

A. बायोप्सी (Biopsy)
B. बायोस्कोपी (Bioscopy)
C. कोलेडोलोजी (Choledology)
D. रेडियोग्राफी (Radiography)

Question ID : **2055232506**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

**Q.48**

Question ID : **2055232554**
Status : **Answered**
Chosen Option : **4**

रित्विक ने एक महिला से कहा, "आपकी माँ के पति की बहन मेरी बुआ है।"

यह महिला रित्विक से कैसे संबंधित है? निम्नलिखित वस्तुनिष्ठ से चुनें|

A. बेटी
B. पोती
C. माँ
D. बहन

Ans
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.49** निम्नलिखित जानकारी पर विचार करें:
P का अर्थ है 'से गुणा करना', T का अर्थ है "से घटाया", M का अर्थ है 'को जोड़ा गया' और B का अर्थ है 'से विभाजित किया गया', तो निम्नलिखित का मूल्य बताएं
28 B 7 P 8 T 6 M 4 =?

A. 30
B. 32
C. 34
D. ऊपर दिए गए में से कोई नहीं

Question ID : **2055232547**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.50** निर्देशन: कथन पढ़िए और दिए गए विकल्पों में से एक निष्कर्ष का चयन करें:

**कथन:**
सारी मूली सफेद होती हैं।
कुछ सफेद गुलाबी होते हैं।
कुछ गुलाबी पीले होते हैं।
कोई भी पीला पत्तागोभी नहीं होता।

**निष्कर्ष:**
I. कोई भी पत्तागोभी गुलाबी नहीं होती।
II. कुछ गुलाबी मूली होती हैं।
III. कुछ गोभी, मूली होती हैं।
IV. कुछ गोभी गुलाबी होती हैं|

A केवल I और II अनुसरण करता है |
B. I या IV अनुसरण करता है |
C. केवल I और या तो III अथवा IV अनुसरण करते हैं |
D. केवल I, II और या तो III अथवा IV अनुसरण करते हैं |

Question ID : **2055232561**
Status : **Answered**
Chosen Option : **4**

Ans
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.51** एक परमाणु रिएक्टर में नियंत्रण रॉड (कैडमियम की रॉड) क्या काम करती है?

A. विखंडन (fission) प्रतिक्रिया के दौरान उत्पन्न अत्यधिक ऊष्मा को अवशोषित करता है और इस प्रकार तापमान में अधिक वृद्धि को रोकता है।
B. चेन रिएक्शन को नियंत्रित करने के लिए अतिरिक्त न्यूट्रॉन को अवशोषित करता है।
C. न्यूट्रॉन की ऊर्जा को कम करता है ताकि उन्हें आगे विखंडन प्रतिक्रिया के लिए उपयोग किया जा सके।
D. चेन विखंडन प्रतिक्रिया के लिए आवश्यक न्यूट्रॉन उत्पन्न करता है।

Question ID : **2055232474**
Status : **Answered**
Chosen Option : **1**

Ans
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.52**

Question ID : **2055232518**

27, 18, 45, 81 का HCF ज्ञात कीजिए।

Status : **Answered**
Chosen Option : **1**

A. 9
B. 6
C. 3
D. 18

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Comprehension:**

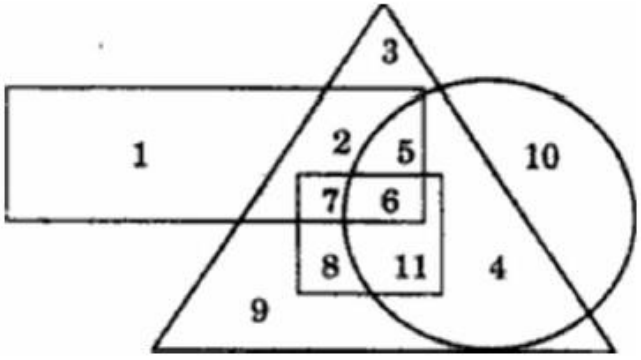
आकृति का अध्ययन करें और निम्नलिखित सवालों के जवाब दें :

(1) आयत सॉफ्टवेयर कर्मचारियों को दर्शाता है।

(2) त्रिकोण ग्रामीण लोगों को दर्शाता है।

(3) वृत्त पोस्ट ग्रेजुएट्स को दर्शाता है।

(4) वर्ग PO को दर्शाता है।




**SubQuestion No : 53**

Q.53 सही कथन चुनें:

Question ID : **2055232567**
Status : **Answered**
Chosen Option : **4**

A. कुछ PO सॉफ्टवेयर कर्मचारी हैं।
B. कोई भी PO ग्रामीण नहीं है।
C. सभी पोस्ट ग्रेजुएट्स ग्रामीण हैं।
D. सभी पोस्ट ग्रेजुएट्स सॉफ्टवेयर कर्मचारी हैं।

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Comprehension:**

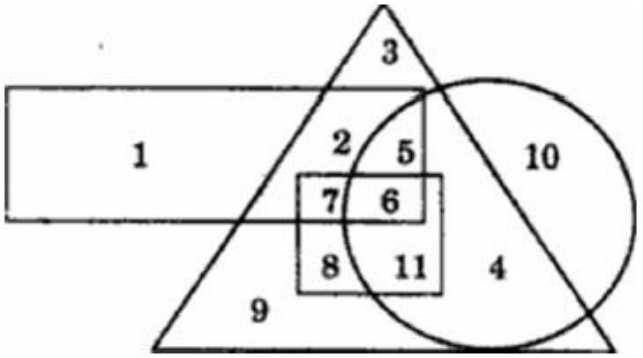
आकृति का अध्ययन करें और निम्नलिखित सवालों के जवाब दें :

(1) आयत सॉफ्टवेयर कर्मचारियों को दर्शाता है।

(2) त्रिकोण ग्रामीण लोगों को दर्शाता है।

(3) वृत्त पोस्ट ग्रेजुएट्स को दर्शाता है।

(4) वर्ग PO को दर्शाता है।




**SubQuestion No : 54**

Q.54 निम्नलिखित में से कौन से कथन सत्य हैं?

Question ID : **2055232566**
Status : **Answered**
Chosen Option : **3**

A. सभी ग्रामीण लोग पोस्ट ग्रेजुएट्स हैं।
B. कुछ PO सॉफ्टवेयर कर्मचारी हैं लेकिन ग्रामीण नहीं हैं।
C. सभी सॉफ्टवेयर कर्मचारी PO हैं।
D. कुछ ग्रामीण लोग पोस्ट ग्रेजुएट्स नहीं हैं।

Ans
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

**Comprehension:**

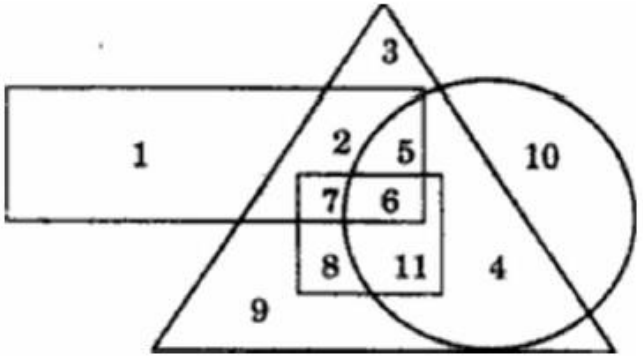
आकृति का अध्ययन करें और निम्नलिखित सवालों के जवाब दें :

(1) आयत सॉफ्टवेयर कर्मचारियों को दर्शाता है।

(2) त्रिकोण ग्रामीण लोगों को दर्शाता है।

(3) वृत्त पोस्ट ग्रेजुएट्स को दर्शाता है।

(4) वर्ग PO को दर्शाता है।




**SubQuestion No : 55**

**Q.55** निम्नलिखित में से कौन सा कथन सत्य है?

A. सभी सॉफ्टवेयर कर्मचारी PO हैं।
B. कुछ सॉफ्टवेयर कर्मचारी पोस्ट ग्रेजुएट्स के साथ PO भी हैं।
C. सभी सॉफ्टवेयर कर्मचारी पोस्ट ग्रेजुएट्स हैं।
D. सभी PO सॉफ्टवेयर कर्मचारी हैं लेकिन पोस्ट ग्रेजुएट्स नहीं हैं।

Question ID : **2055232565**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.56** 33333×9999 की गणना करो।

A. 332396667
B. 333297667
C. 33329667
D. 333296667

Question ID : **2055232516**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

**Q.57** 12, 1, 10, 1, 9, 3, 4, 9, 7, 9 की माध्यिका (median) ज्ञात कीजिए।

A. 7
B. 8
C. 9
D. 7.5

Question ID : **2055232539**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.58** किसी निश्चित कोड भाषा में, यदि TEMPLE को 187658 कोड किया गया है और CHURCH को 439243, कोड किया गया है, तो PURE को कैसे कोड किया जाएगा?

A. 6928
B. 3982
C. 6982
D. 9682

Question ID : **2055232543**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

**Q.59**

Question ID : **2055232479**
Status : **Answered**
Chosen Option : **1**

निम्नलिखित स्मारकों/स्थानों का उनके सही स्थान के साथ मिलन करें।

| स्मारक | स्थानस्थान |
|---|---|
| P) गोलकुंडा किला | a. हैदराबाद |
| Q) बुलंद दरवाजा | b. फतेहपुर सीकरी |
| R) हुमायूं का मकबरा | c. नई दिल्ली |
| S) रानी की वाव | d. पाटन |

A. P-a, Q-b, R-c, S-d
B. P-a, Q-c, R-b, S-d
C. P-d, Q-b, R-c, S-a
D. P-d, Q-c, R-b, S-a

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Q.60** भारत ने नीली जीभ रोग के लिए पहला टीका विकसित कर लिया है जो मुख्यतय: निम्न में से किसमें पाया जाता है?

A. मुर्गी
B. कुत्ते
C. भेड़ और बकरियों
D. बंदर

Question ID : **2055232503**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.61** निम्नलिखित का सही मिलन करें:

| उत्पाद | उपयोग |
|---|---|
| P) पेट्रोलियम ईथर | a. ईंधन |
| Q) पैराफिन मोम | b. ड्राई क्लीनिंग के लिए इत्र में विलायक |
| R) ऐस्फाल्ट और कोक | c. छत, सड़क निर्माण, इलेक्ट्रोड |
| S) गैसोलीन | d. मलहम और कॉस्मेटिक |

A. P-a, Q-b, R-c, S-d
B. P-b, Q-d, R-c, S-a
C. P-d, Q-b, R-c, S-a
D. P-d, Q-c, R-b, S-a

Question ID : **2055232501**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.62** एक बहुभुज के बाह्य कोणों का योग -------- होता है|

A. 180
B. 450
C. 360
D. (n-2)180

Question ID : **2055232534**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B

✗ 4. A

**Q.63** 2015 AIBA विश्व मुक्केबाजी चैंपियनशिप में किस देश ने सबसे अधिक स्वर्ण पदक जीते थे?

A. क्यूबा
B. रूस
C. फ्रांस
D. मोरोक्को

Question ID : **2055232484**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.64** वर्ष 2009 में, उत्तरी अमेरिका के लिए बेहतर संचार के लिए टेर्रेस्टार -1 (TerreStar-1) का प्रक्षेपण किया गया था। इसे किस देश से प्रक्षेपित किया गया था?

A. फ्रांस
B. अमेरिका
C. चीन
D. रूस

Question ID : **2055232508**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Q.65** भारत का कौन सा जिला देश में NOFN के तहत उच्च गति ग्रामीण ब्रॉडबैंड नेटवर्क वाला पहला जिला बन गया है?

A. भोपाल
B. चेन्नई
C. इडुक्की
D. मैसूर

Question ID : **2055232502**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.66** 29 को बाइनरी में बदलिए।

A. 10101
B. 11110
C. 11101
D. 11001

Question ID : **2055232517**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.67** श्री वागीश ने एफडी में पैसा निवेश किया। वह परिपक्वता पर कितनी धनराशि प्राप्त करेगा, यदि 4500 रूपये 6 महीने के लिए 20% वार्षिक चक्रवृद्धि ब्याज की दर पर निवेश किये जाते हैं तथा ब्याज तिमाही चक्रवृद्धि होता है?

A. 4961.5 रूपये
B. 4961.25 रूपये
C. 4961.35 रूपये
D. 4961 रूपये

Question ID : **2055232527**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.68**

Question ID : **2055232489**
Status : **Answered**

निम्नलिखित का मिलान करें:

| | |
|---|---|
| a) इनपुट डिवाइस | p) ROM |
| b) प्रोसेसिंग डिवाइस | q) टच स्क्रीन |
| c) स्टोरेज डिवाइस | r) प्रिंटर |
| d) आउटपुट डिवाइस | s) फ्लैश मेमोरी |

A. a-q, b-s, c-r, d-p
B. a-q, b-p, c-s, d-r
C. a-r, b-p, c-s, d-q
D. a-p, b-q, c-r, d-s

Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Q.69** रितुल एक बस 15% की हानि पर 1870 रुपये में बेचता है, उसे 15% लाभ पाने के लिए बस को किस कीमत पर बेचना चाहिए?

A. 2560 रुपये
B. 2550 रुपये
C. 2540 रुपये
D. 2530 रुपये

Question ID : **2055232528**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

---

**Q.70** राजधानी ट्रेन दिल्ली शहर से शुरू होती है। ट्रेन में महिलाओं की संख्या पुरुषों की संख्या से आधी है। फरीदाबाद शहर में, 10 पुरुष ट्रेन से उतर जाते हैं और पांच महिलाएँ ट्रेन में प्रवेश करती है। अब पुरुषों और महिलाओं की संख्या बराबर है। शुरुआत में, कितने यात्रियों ने ट्रेन में प्रवेश किया?

A. 25
B. 35
C. 45
D. 55

Question ID : **2055232549**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

---

**Q.71** किसी निश्चित भाषा में, यदि STABLE को TSBAEL कोड किया गया है, इस कोड में SCARCE को कैसे कोड किया जाएगा?

A. CSRAEC
B. ACSRAC
C. CASARC
D. ARCCAS

Question ID : **2055232545**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

---

**Q.72**

Question ID : **2055232487**
Status : **Answered**
Chosen Option : **4**

**निम्नलिखित का मिलान करें और सही कोड का चयन करें।**

| | |
|---|---|
| A) क्विक लाइम | P) $CO(NH_2)_2$ |
| B) स्लेकड लाइम | Q) $Na_2CO_3$ |
| C) यूरिया | R) CaO |
| D) वॉशिंग सोडा | S) $Ca(OH)_2$ |

A. A-S, B-R, C-P, D-Q
B. A-R, B-S, C-Q, D-P
C. A-R, B-S, C-P, D-Q
D. A-S, B-R, C-Q, D-P

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

---

**Q.73** उल्लास की काम करने की क्षमता तेजस से दोगुनी है। वे एक साथ एक काम को 18 दिन में समाप्त कर सकते हैं, तो तेजस उसी काम को अकेला कितने दिन में पूरा करेगा?

A. 36
B. 54
C. 20
D. 72

Question ID : **2055232523**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

---

**Q.74** एक वस्तु को 8% तथा 18% के लाभ से बेचने पर दोनों विक्रय मूल्यों के बीच 3 रूपये का अन्तर है। दोनों विक्रय मूल्यों के बीच का अनुपात है:

A. 54:59
B. 54:61
C. 59:61
D. 55:59

Question ID : **2055232530**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

---

**Q.75** भारतीय संविधान के अस्तित्व में आने से पहले _____ भारत का आखिरी गवर्नर जनरल था।

A. चक्रवर्ती राजगोपालाचारी (Chakravarti Rajagopalachari)
B. विस्काउंट माउंटबेटन (The Viscount Mountbatten)
C. डॉ राजेंद्र प्रसाद (Dr. Rajendra Prasad)
D. विस्काउंट वावेल (The Viscount Wavell)

Question ID : **2055232498**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

---

**Q.76** $\frac{0.55 \times 0.81}{4.5} = ?$

A. 0.99
B. 0.099
C. 9.9
D. 0.0099

Question ID : **2055232515**
Status : **Answered**
Chosen Option : **1**

**Ans**

✗ 1. A

✗ 2. D

✓ 3. B

✗ 4. C

**Q.77** शिवांगी एक स्थान से चल कर उसी स्थान पर वाहनसे वापस आने में 6 घंटे 15 मिनट का समय लेती है। वह चलते हुए दोनों ओर की दूरी 7 घंटे 45 मिनट में तय कर सकती है। उसे दोनों ओर वाहनसे वापस आने में लगने वाला समय है:

A. 4 घंटे 45 मिनट
B. 4 घंटे 15 मिनट
C. 4 घंटे 25 मिनट
D. 4 घंटे 35 मिनट

Question ID : **2055232525**
Status : **Answered**
Chosen Option : **3**

**Ans**

✓ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

**Q.78** 12 मई 2015 को यूनाइटेड किंगडम (यूके) में मेयर के पद पर निर्वाचित होने वाली भारतीय मूल की पहली एशियाई महिला कौन थी?

A. रंजीत कौर धीर
B. इंदरजीत सिंह
C. सुखविंदर कौर
D. हरभजन कौर धीर

Question ID : **2055232476**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. A

✗ 2. C

✓ 3. D

✗ 4. B

**Q.79** निम्नलिखित में से कौन सा एक इनपुट डिवाइस नहीं है?

A. वेब कैमरा (Web Camera)
B. BCR
C. डिजिटाइज़र (Digitizer)
D. प्रोसेसर (Processor)

Question ID : **2055232490**
Status : **Answered**
Chosen Option : **2**

**Ans**

✓ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

**Q.80** संविधान के प्रारंभ होने के बाद से किस अधिनियम में नागरिकता पाने और गवाने सम्बन्धी प्रावधान हैं?

A. नागरिकता अधिनियम, 1950
B. नागरिकता अधिनियम, 1952
C. नागरिकता अधिनियम, 1955
D. नागरिकता अधिनियम, 1954

Question ID : **2055232473**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. A

✓ 2. C

✗ 3. D

✗ 4. B

**Comprehension:**

**निम्नलिखित जानकारी के आधार पर सवालों के जवाब दीजिये:**

छह दोस्त प्रेम, काज़ी, रित्विक,सनी, टीनू और उत्कर्ष एक षट्कोणीय (हेक्सागोनल) मेज के इर्द गिर्द बैठे हैं| प्रत्येक एक कोने पर बैठा है सभी के मुहँ केंद्र की ओर हैं। प्रेम उत्कर्ष के बाईं ओर दूसरे नंबर पर है। काज़ी, रित्विक और सनी का पड़ोसी है। टीनू सनी के बाईं ओर दूसरे नंबर पर है।

**SubQuestion No : 81**

Q.81 कौन टीनू के सामने की ओर बैठा है?

Question ID : **2055232560**
Status : **Answered**
Chosen Option : **1**

A. रित्विक
B. काज़ी
C. प्रेम
D. सनी

Ans
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

**Comprehension:**

**निम्नलिखित जानकारी के आधार पर सवालों के जवाब दीजिये:**

छह दोस्त प्रेम, काज़ी, रित्विक,सनी, टीनू और उत्कर्ष एक षट्कोणीय (हेक्सागोनल) मेज के इर्द गिर्द बैठे हैं| प्रत्येक एक कोने पर बैठा है सभी के मुहँ केंद्र की ओर हैं। प्रेम उत्कर्ष के बाईं ओर दूसरे नंबर पर है। काज़ी, रित्विक और सनी का पड़ोसी है। टीनू सनी के बाईं ओर दूसरे नंबर पर है।

**SubQuestion No : 82**

Q.82 काज़ी की बाईं ओर चौथा व्यक्ति कौन है?

Question ID : **2055232558**
Status : **Answered**
Chosen Option : **2**

A. प्रेम
B. उत्कर्ष
C. रित्विक
D. सनी

Ans
✘ 1. B
✔ 2. A
✘ 3. C
✘ 4. D

**Comprehension:**

**निम्नलिखित जानकारी के आधार पर सवालों के जवाब दीजिये:**

छह दोस्त प्रेम, काज़ी, रित्विक,सनी, टीनू और उत्कर्ष एक षट्कोणीय (हेक्सागोनल) मेज के इर्द गिर्द बैठे हैं| प्रत्येक एक कोने पर बैठा है सभी के मुहँ केंद्र की ओर हैं। प्रेम उत्कर्ष के बाईं ओर दूसरे नंबर पर है। काज़ी, रित्विक और सनी का पड़ोसी है। टीनू सनी के बाईं ओर दूसरे नंबर पर है।

**SubQuestion No : 83**

Q.83 निम्नलिखित में से कौन-कौन प्रेम के पड़ोसी हैं?

Question ID : **2055232559**
Status : **Answered**
Chosen Option : **2**

A. उत्कर्ष और सनी
B. टीनू और रित्विक
C. उत्कर्ष और रित्विक
D. टीनू और उत्कर्ष

Ans
✘ 1. A
✔ 2. B
✘ 3. C
✘ 4. D

Q.84

Question ID : **2055232533**

x : $-x-4=-3$ को हल कीजिए।

Status : **Answered**
Chosen Option : **3**

A. 7
B. -1
C. -7
D. 1

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.85** यदि $Sin\ A=\frac{4}{5}$ तथा $Sin\ B=\frac{5}{13}$ है, तो $Sin(A+B)=?$

Question ID : **2055232538**
Status : **Answered**
Chosen Option : **1**

A. $\frac{63}{65}$
B. $\frac{16}{65}$
C. $\frac{33}{65}$
D. $\frac{56}{65}$

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

**Q.86** प्रकाश एक अनुप्रस्थ (transverse) तरंग है साबित करती हुई एकमात्र घटना कौन सी है?

Question ID : **2055232475**
Status : **Answered**
Chosen Option : **4**

A. प्रकाश का फैलना (Scattering of light)
B. हस्तक्षेप (Interference)
C. विसरण (Diffraction)
D. ध्रुवीकरण (Polarisation)

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.87** एक दुकानदार फल खरीदने और बेचने में, कम तौल का उपयोग करके 25% तक धोखा देता है, तो उसका कुल लाभ प्रतिशत है:

Question ID : **2055232529**
Status : **Answered**
Chosen Option : **1**

A. 55.25
B. 56.25
C. 56.75
D. 56.5

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.88** दिया गया है $k=-3$, तो $k^3+3k$ का मान ज्ञात कीजिए:

Question ID : **2055232531**
Status : **Answered**
Chosen Option : **3**

A. -36
B. 36
C. 37
D. -37

Ans
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

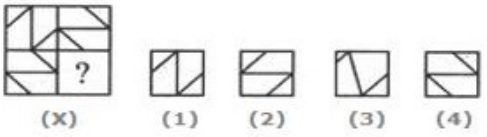
**Q.89** उस भारतीय संगीत विशेषज्ञ का नाम बताइएं जिसे सेशेल्स (Seychelles) के लिए सांस्कृतिक राजदूत के रूप में नामित किया गया है?

A. सोनू निगम
B. ए. आर. रहमान
C. इलैयाराजा
D. रविशंकर

Question ID : **2055232477**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.90** 4 विकल्पों 1,2,3,4 में से आकृति X को पूर्ण करें।




A. 1
B. 2
C. 3
D. 4

Question ID : **2055232552**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.91** शब्द AAU का संदर्भ एसाइन्ड अमाउंट यूनिट्स (Assigned Amount Units) से है जो ____ की सीमा निर्धारित करता है।

A. कार्बन के उत्सर्जन
B. ग्रीन हाउस गैसों के उत्सर्जन
C. कार्बन क्रेडिट की बिक्री
D. कार्बन फुटप्रिंट के रूप में बचत

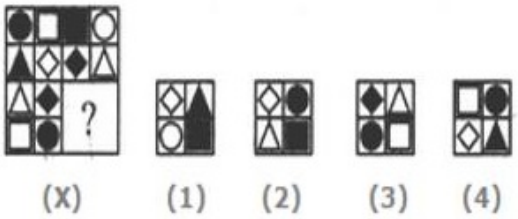
Question ID : **2055232511**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

**Q.92**

Question ID : **2055232551**
Status : **Answered**
Chosen Option : **4**

दिए गए विकल्पों 1,2,3,4 से आकृति X को पूर्ण करें।




A. 1
B. 2
C. 3
D. 4

**Ans**
✗ 1. D
✗ 2. C
✗ 3. B
✓ 4. A

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**Q.93** वर्ल्ड वाइड वेब के आविष्कार का श्रेय किसे दिया जाता है?

Question ID : **2055232491**
Status : **Answered**
Chosen Option : **3**

A. टिम बरनर्स - ली (Tim Berners-Lee)
B. जॉन नेपियर (John Napier)
C. एलन बी दुमोंट (Allen B Dumont)
D. जे. पी. एक्केर्ट (J.P.Eckert)

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

---

**Q.94** किसी निश्चित भाषा में, यदि CHILLY को HCLIYL कोड किया गया है, इस कोड में MANURE को कैसे कोड किया जाएगा?

Question ID : **2055232544**
Status : **Answered**
Chosen Option : **4**

A. AMREUN
B. AMUNER
C. ARMUEN
D. ENARMU

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Q.95** राइडर कप निम्नलिखित में से किस खेल के साथ जुड़ा हुआ है?

Question ID : **2055232485**
Status : **Answered**
Chosen Option : **4**

A. सायक्लिंग
B. घोडो की दौड़
C. गोल्फ़
D. स्नूकर

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

---

**Q.96**

Question ID : **2055232504**

श्रीलंका को_____ वर्ष में आजादी मिली थी।

Status : **Answered**
Chosen Option : **3**

A. 1947
B. 1948
C. 1949
D. 1950

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.97** उस स्मारक का नाम बताइएं जिसमें नौ हिंदू मंदिरों की प्रभावशाली श्रृंखला के साथ साथ एक उत्कृष्ट कृति के साथ एक जैन पवित्रस्थान, विरूपाक्ष का मंदिर भी शामिल हैं और यह बागलकोट, कर्नाटक में स्थित है?

Question ID : **2055232480**
Status : **Answered**
Chosen Option : **1**

A. महाबलीपुरम में स्मारकों का समूह
B. हम्पी में स्मारकों का समूह
C. पट्टडकल में स्मारकों का समूह
D. खजुराहो में स्मारकों का समूह

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.98** **कथन पढ़िए और दिए गए विकल्पों में से एक निष्कर्ष का चयन करें:**
**कथन:**
हाल ही में एक स्टेज शो पेश करते हुए प्रसिद्ध अभिनेत्री ने घोषित किया कि उसे स्टेज शो के लिए या तो पूरा भुगतान लेने की या बिल्कुल भी नहीं लेने की आदत है।
**निष्कर्ष:**
I. अभिनेत्री ने हाल ही में स्टेज शो के लिए पूरा भुगतान ले लिया है।
II. अभिनेत्री ने हाल ही में स्टेज शो के लिए कोई पैसा नहीं लिया।

Question ID : **2055232573**
Status : **Answered**
Chosen Option : **1**

A. केवल निष्कर्ष I अनुसरण करता है |
B. केवल निष्कर्ष II अनुसरण करता है |
C. या तो I या II अनुसरण करता है |
D. न तो I और न ही II अनुसरण करता है |

**Ans**
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Q.99** केवल वे धातुएं ही पानी से हाइड्रोजन को विस्थापित कर सकती हैं जो धातुओं की प्रतिक्रिया क्षमता श्रृंखला में _____ होते हैं।

Question ID : **2055232488**
Status : **Answered**
Chosen Option : **2**

A. हाइड्रोजन (hydrogen) से नीचे
B. हाइड्रोजन (hydrogen) से ऊपर
C. ऊपर या नीचे
D. धातुएं पानी से हाइड्रोजन को विस्थापित नहीं कर सकती हैं।

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.100** भारत की पहली सार्वजनिक रूप से प्रदर्शित फिल्म राजा हरिश्चंद्र का निर्देशन किसने किया था?

Question ID : **2055232495**
Status : **Answered**
Chosen Option : **4**

A. वी जी धामले
B. वी शांताराम
C. बिमल रॉय
D. दादा साहेब फालके

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 16th April 2016 Shift 3

| | |
|---|---|
| Roll No: | [redacted] |
| Participants Name: | [redacted] |
| Test Center Name: | Global Group Of Institutions |
| Test Date: | 16/04/2016 |
| Test Time: | 4:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Who founded Twitter?

A. Mark Zuckerberg
B. Tim Cook
C. Noah Ark
D. Evan Williams

Question ID : **2055232813**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

**Q.2** An Assertion (A) and a Reason (R) are given below.

**Assertion (A)**: In India, females have higher life expectancy than the males.

**Reason (R)**: Females receive a better diet.

**Choose the correct option.**

A. A is true but R is false.
B. A is false but R is true.
C. Both A and R are true
D. Both A and R are false.

Question ID : **2055232882**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.3** Vikash purchased 5 bananas for Rs. 4 and sold 4 bananas for Rs. 5. Calculate his % profit?

A. 55.56%
B. 53.25%
C. 45.50%
D. 56.25%

Question ID : **2055232848**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

**Q.4**

Question ID : **2055232785**
Status : **Answered**

Which State in India has the highest forest cover?

Chosen Option : **1**

A. Kerala
B. Madhya Pradesh
C. Maharashtra
D. Bihar

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

---

**Q.5** Based on the analogy given, find the missing word from the given options.

**Butter : Milk : : Book : -----**

Question ID : **2055232865**
Status : **Answered**
Chosen Option : **4**

A. Author
B. Paper
C. Chapter
D. Printing

**Ans**
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

---

**Q.6** ------- is a unit of length, roughly the distance from Earth to the Sun.

Question ID : **2055232818**
Status : **Answered**
Chosen Option : **1**

A. Light years
B. Astronomical unit
C. Kelvin
D. Joule

**Ans**
✘ 1. A
✘ 2. D
✔ 3. B
✘ 4. C

---

**Q.7** What is the name of the process where gas is directly converted to solids called?

Question ID : **2055232804**
Status : **Answered**
Chosen Option : **1**

A. Sublimation
B. Deposition
C. Condensation
D. Evaporation

**Ans**
✘ 1. C
✘ 2. D
✘ 3. A
✔ 4. B

---

**Q.8** In which city is the newly proposed AIIMS to be setup in Maharashtra?

Question ID : **2055232781**
Status : **Answered**
Chosen Option : **2**

A. Nagpur
B. Mumbai
C. Aurangabad
D. Pune

**Ans**
✘ 1. D
✔ 2. A
✘ 3. B
✘ 4. C

---

**Q.9**

Question ID : **2055232807**

Which vaccine is primarily used against tuberculosis?

Status : **Answered**
Chosen Option : **4**

A. BCG
B. DPT
C. HiB
D. Varicella

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

**Q.10** Based on the analogy given, find the missing pair from the given options.

**5 : 35 : : ------: -------**

Question ID : **2055232863**
Status : **Answered**
Chosen Option : **4**

A. 11 : 55
B. 7 : 77
C. 3 : 24
D. 9 : 45

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.11** **निम्नलिखित कथनों पर विचार कीजिए और सही विकल्प का चयन करें:**

1. दिये गये 2 बिंदुओं से कम से कम 3 सीधी रेखाएँ खींचना संभव है।
2. यदि एक कोण की भुजाएं क्रमशः दूसरे कोण की भुजाओं के समानांतर है तो दोनों कोण न तो बराबर होते हैं और न ही अनुपूरक।

Question ID : **2055232841**
Status : **Answered**
Chosen Option : **3**

A. 1 और 2 दोनों सही नहीं हैं।
B. 1 और 2 दोनों सही हैं।
C. 1 गलत है और 2 सही है|
D. 1 सही है और 2 गलत है|

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

**Q.12** An Assertion (A) and a Reason (R) are given below.

**Assertion (A)**: Simla is colder than Delhi.

**Reason (R)**: Simla is at a higher altitude as compared to Delhi.

**Choose the correct option.**

Question ID : **2055232883**
Status : **Answered**
Chosen Option : **3**

A. A is true but R is false.
B. A is false but R is true.
C. Both A and R are true and R is the correct explanation of A.
D. Both A and R are true but R is not the correct explanation of A.

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Comprehension:**

**Study the following information carefully and answer the questions given below it.**

There are six persons in a family – three males and three females. Out of these, there are two married couples and two persons who are unmarried. Each one of them likes different colour, viz. Blue, Red, Pink, Green, Yellow and White.

Seema, who likes Red colour, is Anitha's mother-in-law and Anitha is Raja's wife. Dinesh is Rohan's father and he does not like the blue colour or White colour. Bavya likes the Yellow colour and is Rohan's sister, who likes Pink colour, Raja does not use White Colour.

SubQuestion No : 13

Q.13 Which of the following is one of the married couples?

Question ID : **2055232867**
Status : **Answered**
Chosen Option : **4**

A. Rohan – Bavya
B. Dinesh – Bavya
C. Dinesh – Seema
D. Rohan – Seema

Ans
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

Comprehension:

**Study the following information carefully and answer the questions given below it.**

There are six persons in a family – three males and three females. Out of these, there are two married couples and two persons who are unmarried. Each one of them likes different colour, viz. Blue, Red, Pink, Green, Yellow and White.

Seema, who likes Red colour, is Anitha's mother-in-law and Anitha is Raja's wife. Dinesh is Rohan's father and he does not like the blue colour or White colour. Bavya likes the Yellow colour and is Rohan's sister, who likes Pink colour, Raja does not use White Colour.

SubQuestion No : 14

Q.14 Which of the following colours is liked by Anitha?

Question ID : **2055232868**
Status : **Answered**
Chosen Option : **3**

A. White
B. Yellow
C. Pink
D. Green

Ans
✘ 1. C
✘ 2. D
✔ 3. A
✘ 4. B

Comprehension:

**Study the following information carefully and answer the questions given below it.**

There are six persons in a family – three males and three females. Out of these, there are two married couples and two persons who are unmarried. Each one of them likes different colour, viz. Blue, Red, Pink, Green, Yellow and White.

Seema, who likes Red colour, is Anitha's mother-in-law and Anitha is Raja's wife. Dinesh is Rohan's father and he does not like the blue colour or White colour. Bavya likes the Yellow colour and is Rohan's sister, who likes Pink colour, Raja does not use White Colour.

SubQuestion No : 15

Q.15 How is Rohan related to Seema?

Question ID : **2055232869**
Status : **Answered**
Chosen Option : **2**

A. Brother
B. Son
C. Father
D. None of these

Ans
✘ 1. C
✔ 2. B
✘ 3. D
✘ 4. A

Q.16

Question ID : **2055232851**
Status : **Answered**

If DRIVER is coded as 5 and BELIEVED is coded as 7, then what is the code for EXAMINATION?

A. 9
B. 10
C. 11
D. 8

Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Q.17** Anil can do a piece of work in 14 days which Rohit can do in 21 days. They worked together for few days after which Anil left. If Rohit worked alone for 3 days, find the total number of days it took to complete the whole work.

A. 31/5
B. 51/5
C. 21/5
D. 13/5

Question ID : **2055232829**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

---

**Q.18** Rearrange the jumbled up letters to form a meaningful word and find the odd one out.

A. ESAEIDS
B. EAHLTH
C. LISESNL
D. CKSESNS

Question ID : **2055232871**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

---

**Q.19** If A:B = 3:4 and B:C = 6:5 then A:(A+C) is:

A. 9:11
B. 9:10
C. 9:19
D. 6:7

Question ID : **2055232830**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

---

**Q.20** If two complimentary angles are in the ratio of 11:7, find the smaller angle.

A. 35°
B. 55°
C. 45°
D. 25°

Question ID : **2055232840**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

---

**Q.21** What does TCP stand for with respect to computer networks?

A. Transmission Control Protocol
B. Transfer Call Plan
C. Transfer Control Process
D. Transmission Call Protocol

Question ID : **2055232814**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.22** 30 litres of salt solution contains 5% salt. How many litres of water must be added so as to get a resultant solution containing 3% salt?

A. 20 litres
B. 25 litres
C. 30 litres
D. 35 litres

Question ID : **2055232831**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

**Q.23** If DIJOB means CHINA, then the last letter of the word got by decoding KBQBO is

A. I
B. A
C. M
D. N

Question ID : **2055232854**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Q.24** Below are given statements followed by two conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.

**Statements:** All birds are tall. Some tall are peacocks.

**Conclusions: I.** Some birds are peacocks.

**II.** Some peacocks are tall.

**Decide which of the below options logically follows the given Statement.**

A. Both conclusions I and II follows
B. Neither conclusion I nor II follows
C. Only conclusion I follows
D. Only conclusion II follows

Question ID : **2055232870**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Q.25** If the length of the shadow of a vertical pole on the horizontal ground is $\sqrt{3}$ times its height, then the angle of elevation

A. 40°
B. 50°
C. 30°
D. 45°

Question ID : **2055232833**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.26** On which river is the city Madurai situated?

A. Cooum
B. Kaveri
C. Vaigai
D. Pennar

Question ID : **2055232784**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✓ 1. C
✗ 2. D
✗ 3. B

✗ 4. A

**Q.27** Engineer is related to Engineering in the same way as Doctor is related to

A. Medicine
B. Hospital
C. Disease
D. Body

Question ID : **2055232861**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

**Q.28** Which of the following Prime Ministers was awarded Bharat Ratna?

A. V.P.Singh
B. Morarji Desai
C. Charan Singh
D. Manmohan Singh

Question ID : **2055232797**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.29** How much salt is present in our body?

A. 1%
B. 2%
C. 0.4%
D. 0.6%

Question ID : **2055232811**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.30** What is the old name of Singapore?

A. Temasek
B. Myanmar
C. Ceylon
D. Bohemia

Question ID : **2055232786**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

**Q.31** If the angles of a triangle are in the ratio of 2:5:8, then find the value of the largest angle.

A. 36°
B. 96°
C. 84°
D. 60°

Question ID : **2055232842**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.32** What is the name of the moon of Pluto?

A. Charon
B. Ganymede
C. Luna
D. Triton

Question ID : **2055232817**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. D
✗ 4. B

**Q.33** If GOAT can be written as KSEX, then WOLF can be written as -------

A. APJS
B. AJSP
C. ASPJ
D. ASSJ

Question ID : **2055232853**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Q.34** Find the unit digit in the given product $(4211)^{102} \times (361)^{52}$

A. 3
B. 1
C. 4
D. 7

Question ID : **2055232837**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.35** The traffic lights at four different road crossings change after every 15sec, 18sec, 27sec and 30 sec respectively. If they all change simultaneously at 6:10:00 hours, then at what time will they again change simultaneously?

A. 6:14:30 hours
B. 6:40:00 hours
C. 6:14:00 hours
D. 10:40:00 hours

Question ID : **2055232825**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.36** The mean of a distribution is 21 and the standard deviation is 7. What is the value of the coefficient variation?

A. 16.66%
B. 66.66%
C. 33.33%
D. 100%

Question ID : **2055232843**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.37**

Question ID : **2055232791**
Status : **Not Attempted**
Chosen Option : **--**

Michael Schumacher, a racing driver belongs to which country?

A. USA
B. Germany
C. Canada
D. Australia

Ans
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.38** Choose the one which is odd from the following options:

A. Rupee
B. Lira
C. Coin
D. Dinar

Question ID : **2055232862**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. B
✔ 2. C
✘ 3. A
✘ 4. D

**Q.39** What was the element used in traditional thermometers which is highly toxic in nature?

A. Carbon
B. Mercury
C. Arsenic
D. Cadmium

Question ID : **2055232794**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

**Q.40** Which of the following was built by the ancient Incas?

A. City of Petra
B. Hagia Sophia
C. Machu Picchu
D. Acropolis

Question ID : **2055232800**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.41** In which year was the Aam Aadmi Party founded?

A. 2010
B. 2011
C. 2012
D. 2013

Question ID : **2055232799**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

**Q.42** A spoon which looks bent is an example of which of the following?

A. Reflection
B. Refraction
C. Retention
D. Focus

Question ID : **2055232802**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.43** Who discovered radioactivity?

A. Max Planck
B. James Clerk Maxwell
C. Henri Becquerel
D. Heinrich Hertz

Question ID : **2055232803**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.44** What is special about a sword-billed hummingbird?

A. It is the smallest bird in the world
B. Its bill is longer than rest of its body
C. It lives only in Antarctica
D. It cannot fly

Question ID : **2055232806**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.45** A boy running at $10/9^{th}$ of his actual speed covers 39 km in 2 hours 20 minutes and 24 seconds. Find the actual speed of the boy (approx.).

A. 15 km/hr.
B. 50 km/hr.
C. 39 km/hr.
D. 150 km/hr.

Question ID : **2055232850**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

**Q.46** Who devised the policy of Doctrine of Lapse?

A. Lord Curzon
B. Lord Mountbatten
C. Lord Dalhousie
D. Robert Clive

Question ID : **2055232790**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.47** Sonam's age after eight years will be half of her father's age. Eight years ago the ratio of their ages was 1 : 3. Find the present age of Sonam's father.

A. 48
B. 56
C. 36
D. 65

Question ID : **2055232834**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

**Q.48** Mohan earns a profit of 20% on selling a jean at 15% discount on printed price. The ratio of the cost price to printed price of the jean is

A. 17:24
B. 17:34
C. 16:13
D. 21:23

Question ID : **2055232847**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✘ 2. B
✘ 3. C
✔ 4. A

**Q.49** In accordance to the 18th Mercer Quality of Life study, which city in the World holds the first position as the best city to live in?

A. Zurich
B. Vienna
C. Sydney
D. Hyderabad

Question ID : **2055232783**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

**Q.50** When was the battle of Chillianwala fought?

A. 1865
B. 1892
C. 1849
D. 1856

Question ID : **2055232789**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. A
✘ 2. D
✘ 3. B
✔ 4. C

**Q.51** If 'W' means 'x', 'X' means '−', 'Y' means '+' and 'z' means '÷', then

**28 Z 7 W 8 X 6 Y 4 = ?**

A. 30
B. 3/2
C. 32
D. 34

Question ID : **2055232858**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✘ 2. B
✘ 3. C
✔ 4. A

**Q.52** If '<' stands for '−', '>' stands for '+', '=' stands for 'x' and '@' stands for '÷' then what will be the value of 27 > 81 @ 9 < 6

A. 32
B. 33
C. 30
D. 35

Question ID : **2055232856**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A

2. B

3. C

4. D

**Q.53** If 'x' means '−', '−' means 'x', '+' means '÷' and '÷' means '+', then what will be the value for 15 − 2 ÷ 900 + 90 x100?

A. 60
B. −60
C. 0
D. 1

Question ID : **2055232855**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. A
3. C
4. D

**Q.54** A boy in a train notices that he can count 31 telephone posts in 60 seconds. The distance between two posts is 60 metres. Calculate the speed of the train?

A. 90 km/hr
B. 108 km/hr
C. 60 km/hr
D. 120 km/hr

Question ID : **2055232849**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. C
2. D
3. B
4. A

**Q.55** Which of the following is a temple built out of marble by Vimal Shah?

A. The Dilwara temple
B. Brihadeeswarar temple
C. Omkareswar temple
D. Ranakpur Adinath temple

Question ID : **2055232801**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. A
2. C
3. B
4. D

**Q.56** Who was the first Indian Badminton player to win the men's singles title at the All England Championship in1980?

A. Prakash Padukone
B. Pullela Gopichand
C. Syed Modi
D. Chetan Anand

Question ID : **2055232792**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. B
2. D
3. A
4. C

**Q.57** Who won the Academy award for documentary 'Amy' in 2016?

A. Duke Johnson
B. Asif Kapadia
C. Steven Spielberg
D. George Miller

Question ID : **2055232798**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. C
2. A
3. D
4. B

**Q.58** What is income available with a person after deducting for taxes called?

A. Disposable Income
B. Cash Income
C. Salary
D. General Income

Question ID : **2055232810**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Q.59** Which of the following was the first super computer developed in 1976?

A. Acorn Atom
B. Cray-1
C. PCW
D. PET

Question ID : **2055232815**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.60** The average of five consecutive even numbers is 40. What is the value of smallest of these numbers?

A. 35
B. 36
C. 44
D. 48

Question ID : **2055232835**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.61** Which series is India's First Supercomputer developed in Pune?

A. Vigyan
B. Param
C. Dhanush
D. Shakti

Question ID : **2055232816**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.62** A sum of money (P) doubles in 10 years. How much would it be in 20 years at the same rate of simple interest?

A. P
B. 2P
C. 3P
D. 4P

Question ID : **2055232826**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

**Q.63** If $(a+c+1) = 0$, then find the value of $(a^3+c^3+1-3ac)$

A. -1
B. 1
C. 2
D. 0

Question ID : **2055232823**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Q.64** Based on the analogy given, find the missing number from the given options.
**49 : 81 : : 100 :** -----

A. 144
B. 169
C. 225
D. 64

Question ID : **2055232864**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

**Q.65** If $(x+y)^2-xy=0$, then find the value of $(x^3-y^3)/(x-y)$.

A. 2
B. 3
C. 0
D. 5

Question ID : **2055232822**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Q.66** One of four words is a class of which the other three belong. Identify the class.

A. NOVELS
B. BOOKS
C. POEMS
D. SHORT STORIES

Question ID : **2055232860**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.67** एक सीढ़ी एक सीधी (vertical) दीवार के साथ खड़ी है। सीढ़ी का शीर्ष फर्श से 9 मीटर की ऊँचाई पर है। जब सीढ़ी के निचले सिरे को और 3 मीटर दूर किया जाता है तो सीढ़ी का शीर्ष दीवार के निचले सिरे के बराबर पहुँच जाता है। सीढ़ी की लंबाई क्या है?

A. 16 मीटर
B. 15 मीटर
C. 20 मीटर
D. 30 मीटर

Question ID : **2055232832**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

**Q.68** Who propounded the homeopathic principle of 'like cures like'?

A. Hippocrates
B. Samuel Hahnemann
C. Samuel Cockburn
D. George Vithoulkas

Question ID : **2055232809**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. C

✗ 2. D

✓ 3. B

✗ 4. A

**Comprehension:**

**Study the following table carefully and answer the questions based on it.**

The following table shows the domestic sales of cars of five manufacturers from 2005 to 2010.
(All the figures are in thousands)

| Manufacturer | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|---|---|---|---|---|---|---|
| L | 440 | 480 | 470 | 500 | 520 | 510 |
| M | 400 | 410 | 415 | 415 | 420 | 430 |
| N | 380 | 390 | 390 | 400 | 420 | 495 |
| O | 360 | 380 | 400 | 415 | 440 | 500 |
| P | 480 | 440 | 440 | 420 | 425 | 435 |

**SubQuestion No : 69**

Q.69 During 2006, what is the approximate share domestic sales of cars of the manufacturer M?

A. 19.5%
B. 10.5%
C. 20.5%
D. 25.5%

Question ID : **2055232879**
Status : **Answered**
Chosen Option : **3**

Ans ✗ 1. D

✓ 2. A

✗ 3. C

✗ 4. B

**Comprehension:**

**Study the following table carefully and answer the questions based on it.**

The following table shows the domestic sales of cars of five manufacturers from 2005 to 2010.
(All the figures are in thousands)

| Manufacturer | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|---|---|---|---|---|---|---|
| L | 440 | 480 | 470 | 500 | 520 | 510 |
| M | 400 | 410 | 415 | 415 | 420 | 430 |
| N | 380 | 390 | 390 | 400 | 420 | 495 |
| O | 360 | 380 | 400 | 415 | 440 | 500 |
| P | 480 | 440 | 440 | 420 | 425 | 435 |

**SubQuestion No : 70**

Q.70 During 2010, the sales of which manufacturer has shown the maximum percentage increase over the previous year?

A. L
B. M
C. N
D. P

Question ID : **2055232878**
Status : **Answered**
Chosen Option : **1**

Ans ✓ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

**Comprehension:**

**Study the following table carefully and answer the questions based on it.**

The following table shows the domestic sales of cars of five manufacturers from 2005 to 2010.
(All the figures are in thousands)

| Manufacturer | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|---|---|---|---|---|---|---|
| L | 440 | 480 | 470 | 500 | 520 | 510 |
| M | 400 | 410 | 415 | 415 | 420 | 430 |
| N | 380 | 390 | 390 | 400 | 420 | 495 |
| O | 360 | 380 | 400 | 415 | 440 | 500 |
| P | 480 | 440 | 440 | 420 | 425 | 435 |

**SubQuestion No : 71**

**Q.71** With respect to which of the following combinations, is the sales of cars the highest over the given period?

A. L, 2009
B. L, 2010
C. L, 2008
D. O, 2008

Question ID : **2055232880**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Q.72** Which one of the following interchanges in signs and numbers would make the given equation correct?

**3 + 5 − 2 = 4**

A. + and −, 2 and 5
B. + and −, 3 and 4
C. + and −, 2 and 4
D. + and −, 3 and 5

Question ID : **2055232857**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.73** Which dynasty had its capital at Chittorgarh?

A. Chauhan
B. Sisodia
C. Hada
D. Rathor

Question ID : **2055232788**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Q.74** With which sport is the term 'Freestyle' connected with?

A. Tennis
B. Kho Kho
C. Kabaddi
D. Swimming

Question ID : **2055232793**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. D

✗ 4. B

**Q.75** Atul and Binay together complete a piece of work in 5 days. If Binay alone can complete the same work in 8 days, how many days can Atul take to complete the same work alone?

A. 40/3 days
B. 20/3 days
C. 9 days
D. 10 days

Question ID : **2055232828**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

**Q.76** नीचे एक अभिकथन (A) और एक कारण (R) दिया गया है।

**अभिकथन (A):** भारत में स्मार्टफोन उपयोगकर्ताओं की संख्या में तेजी से वृद्धि होती हुई दिख रही है।
**कारण (R):** उत्तम 3G और 4G कवरेज सस्ती कीमत के साथ है।
**सही विकल्प चुनें।**

A. A सही है लेकिन R गलत है।
B. A गलत है लेकिन R सही है।
C. A और R दोनों सही हैं और R, A की उचित व्याख्या है।
D. A और R दोनों सही हैं लेकिन R, A की उचित व्याख्या नहीं है।

Question ID : **2055232881**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.77** Find the dividend if the divisor is (x+2), quotient is (4x-5) and the remainder is 12.

A. $4x^2+5x+2$
B. $4x^2+3x+2$
C. $4x^2-3x+2$
D. $4x^2+3x-2$

Question ID : **2055232821**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.78** Who is considered the greatest of the early Chola kings?

A. Pulakeshi II
B. Rajasimha
C. Karikala
D. Nandivarman

Question ID : **2055232787**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.79** The mass per unit volume is called

A. Force
B. Work
C. Density
D. Pressure

Question ID : **2055232805**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B

✔ 2. C

✘ 3. D

✘ 4. A

**Q.80** The BRICS Development Bank is now called as

A. Asia Development Bank
B. World Bank
C. New Development Bank
D. New BRICS Bank

Question ID : **2055232782**
Status : **Answered**
Chosen Option : **4**

**Ans**

✘ 1. B

✘ 2. D

✘ 3. A

✔ 4. C

**Q.81** If MACHINE is coded as 19-7-9-14-15-20-11, how will you code DANGER?

A. 10-7-20-13-11-24
B. 13-7-20-11-10-25
C. 11-7-20-16-11-24
D. 13-7-20-9-11-25

Question ID : **2055232852**
Status : **Answered**
Chosen Option : **1**

**Ans**

✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

**Q.82** What sum will produce the same interest in 9 years at the rate 8% simple interest as Rs. 800 produce in 3 years at 9/2% per annum?

A. Rs. 100
B. Rs. 125
C. Rs. 150
D. Rs. 110

Question ID : **2055232827**
Status : **Answered**
Chosen Option : **1**

**Ans**

✔ 1. C

✘ 2. D

✘ 3. B

✘ 4. A

**Q.83** Which among the following is not a qualification to become a Vice President of India?

A. Citizen of India
B. Above 35 years of age
C. Possess the Membership of Lok Sabha
D. Possess the Membership of Rajya Sabha

Question ID : **2055232796**
Status : **Answered**
Chosen Option : **2**

**Ans**

✘ 1. A

✔ 2. C

✘ 3. D

✘ 4. B

**Comprehension:**

**The following questions are based on the information given below:**

Out of a group of 60 students, 25 play Cricket, 30 play Football, 24 play Volleyball, 10 play Cricket and Football, 9 play Cricket and Volleyball , 12 play Volleyball and Football and 5 play all the three.

**SubQuestion No : 84**

**Q.84**

Question ID : **2055232875**
Status : **Answered**
Chosen Option : **3**

How many students play exactly two games?

A. 7
B. 13
C. 5
D. 16

Ans
1. D
2. B
3. C
4. A

Comprehension:

**The following questions are based on the information given below:**

Out of a group of 60 students, 25 play Cricket, 30 play Football, 24 play Volleyball, 10 play Cricket and Football, 9 play Cricket and Volleyball , 12 play Volleyball and Football and 5 play all the three.

**SubQuestion No : 85**

Q.85 How many students do not play any one of the games?

Question ID : **2055232876**
Status : **Not Attempted**
Chosen Option : **--**

A. 5
B. 2
C. 7
D. 1

Ans
1. A
2. C
3. B
4. D

Comprehension:

**The following questions are based on the information given below:**

Out of a group of 60 students, 25 play Cricket, 30 play Football, 24 play Volleyball, 10 play Cricket and Football, 9 play Cricket and Volleyball , 12 play Volleyball and Football and 5 play all the three.

**SubQuestion No : 86**

Q.86 How many students play Cricket only?

Question ID : **2055232874**
Status : **Answered**
Chosen Option : **3**

A. 11
B. 13
C. 8
D. 5

Ans
1. D
2. C
3. A
4. B

Q.87 Choose the pair which is related in the same way as the words in the first pair from the given choices

**Moon : Satellite : : Earth : --------**

Question ID : **2055232859**
Status : **Answered**
Chosen Option : **1**

A. Air
B. Planet
C. Sun
D. Sea

Ans
1. B
2. D
3. A
4. C

**Q.88** Naveen purchased a gas cylinder and a stove for Rs.4500. He sold the gas cylinder at a gain of 25% and the stove at a loss of 20%, still gaining 4% on the whole. Find the cost of the gas cylinder.

A. Rs.3600
B. Rs.2400
C. Rs.3000
D. Rs.2600

Question ID : **2055232846**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Q.89** The name of our planet Earth originates from which language?

A. Greek
B. Roman
C. English
D. Sanskrit

Question ID : **2055232819**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.90** Which of the following is a good source of Vitamin A?

A. Cabbage
B. Carrot
C. Regular Potato
D. Strawberry

Question ID : **2055232820**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

**Q.91** In new government policy, the price of onion is raised by 35%. By what % should a person reduce onion consumption so that the expenditure on it does not increase?

A. 25%
B. 29%
C. 26%
D. 33%

Question ID : **2055232836**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.92** The mean of 10 observations is 13. Two more observations are included and the new mean becomes 14. The mean of two new observations is

A. 19
B. 18
C. 17
D. 16

Question ID : **2055232844**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.93** If the standard deviation of a population is 6.5, what would be the population variance?

A. 40.25
B. 42.25
C. 18.25
D. 13

Question ID : **2055232845**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.94** Rearrange the jumbled up letters to form a meaningful word and find the odd one out.

A. ROUWBR
B. EDN
C. ORFO
D. ETNS

Question ID : **2055232872**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.95** How many natural numbers between 15 and 85 are divisible by 7?

A. 9
B. 10
C. 8
D. 7

Question ID : **2055232839**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.96** Who proposed the Scientific Management School of thought as opposed to the Administrative Management School of thought?

A. Henry Fayol
B. Frederick Taylor
C. Peter Drucker
D. Max Weber

Question ID : **2055232812**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.97** Who discovered the ABO blood group system?

A. Karl Koller
B. Maurice Hilleman
C. Karl Landsteiner
D. Edward Jenner

Question ID : **2055232808**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Q.98** Which value is closest to [5.168 x 4453 x 3.194 / 67.999 x 4224.017]

A. 0.2
B. 0.002
C. 2
D. 0.02

Question ID : **2055232838**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. B
✓ 2. A

3. D

4. C

**Q.99** HCF of two numbers is 19 and their LCM is 665. If one of the number is 95, find the other.

A. 19
B. 133
C. 190
D. 77

Question ID : **2055232824**
Status : **Answered**
Chosen Option : **4**

**Ans**

1. D

2. C

3. A

4. B

**Q.100** Which of the following states in India has the highest area under mangroves?

A. Gujarat
B. Andhra Pradesh
C. Maharashtra
D. West Bengal

Question ID : **2055232795**
Status : **Answered**
Chosen Option : **2**

**Ans**

1. C

2. B

3. D

4. A

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 18th April 2016 Shift 1

| | |
|---|---|
| Roll No: | |
| Participants Name: | |
| Test Center Name: | Chhatrapati Shivaji Institute Of Technology |
| Test Date: | 18/04/2016 |
| Test Time: | 9:00 AM - 10:30 AM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Which is India's first defense satellite?

A. INSAT 2B
B. GSAT-7
C. GSAT 6
D. IRS-1A

Question ID : **9888372302**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.2** Below are given statements followed by two conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.

**Statements:** **A:** All mothers are aunts.

**B:** All aunts are ladies.

**Conclusions:** **I.** All ladies are mothers.

**II.** All ladies are aunts.

**Decide which of the below options logically follows the given Statement.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both conclusion I and II follows
D. Neither conclusion I nor II follows

Question ID : **9888372356**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.3** Which of the following ratio is greatest?

A. 7:15
B. 15:23
C. 17:25
D. 21:29

Question ID : **9888372317**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.4** Choose the one which is odd from the following options.

A. Coffee
B. Rice
C. Tobacco
D. Sugarcane

Question ID : **9888372348**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✓ 2. B

✗ 3. A

✗ 4. C

**Q.5** The passenger reservation system of the Indian Railways is designed by

A. TCS
B. CRIS
C. Google
D. CMS

Question ID : **9888372268**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.6** What is the chemical name given of chalk?

A. Calcium Sulphate
B. Calcium Nitrate
C. Calcium Carbonate
D. Calcium Phosphide

Question ID : **9888372290**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.7** What is the name of the book in Harry Potter series written by Jack Thorne to be published in mid-2016?

A. Harry Potter and the Cursed Child
B. Harry Potter and the Deathly Hallows.
C. Fantastic Beasts and Where to Find Them
D. The Tales of Beedle the Bard.

Question ID : **9888372284**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. D

✗ 4. C

**Q.8** If 3.5x = 0.07y, then find the result of [y-x / y+x]

A. 51/49
B. 49/53
C. 49/51
D. 53/57

Question ID : **9888372324**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

**Q.9** Article 29 of the Constitution of India grants which of the following rights?

A. Protection in respect of conviction for offences
B. Traffic in human beings prohibited
C. Protection of interests of minorities
D. Prohibits taxes on religious grounds

Question ID : **9888372282**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

**Q.10** Find 150% of X, if X is the least number which when divided by 6, 7, 8, 9 and 12 leaves remainders 2, 3, 4, 5 and 8 respectively.

A. 750
B. 500
C. 1000
D. 1200

Question ID : **9888372311**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.11** For real a, b and c if $a^2+b^2+c^2= ab+bc+ca$, then find the value of $(a+b+c)^2$

A. $9a^2$
B. $81a^2$
C. $27a^2$
D. $243a^2$

Question ID : **9888372308**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.12** MATHEMATICS is related to NUMBERS in the same way HISTORY is related to _____

A. EVENTS
B. PEOPLE
C. WARS
D. DATES

Question ID : **9888372347**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. C
✗ 4. B

**Q.13** In which year was Facebook started?

A. 2002
B. 2004
C. 2008
D. 2009

Question ID : **9888372300**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.14** What is the chemical formula of Ozone?

A. O
B. $O_2$
C. $O_3$
D. $O_4$

Question ID : **9888372281**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.15** An Assertion (A) and a Reason (R) are given below.

**Assertion (A)**: Earthworms are not good for agriculture.

**Reason (R)**: Earthworms break down the soil into fine particles and make it soft.

**Choose the correct option.**

A. A is true but R is false.
B. A is false but R is true.
C. Both A and R are true and R is the correct explanation of A.
D. Both A and R are false

Question ID : **9888372368**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.16** What is the sound made by seal called?

A. Bark
B. Moo
C. Screech
D. Growl

Question ID : **9888372292**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. A

2. D

3. B

4. C

**Q.17** Based on the analogy given, find the missing number from the given options.

**7528 : 5362 : : 4673 : ?**

A. 2351
B. 2541
C. 2451
D. 2531

Question ID : **9888372350**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. D
2. C
3. B
4. A

**Q.18** If STUDENT is coded as 103, what is the code for SCHOOL?

A. 72
B. 27
C. 37
D. 73

Question ID : **9888372338**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. A
2. D
3. C
4. B

**Q.19** If 'P' means 'divided by', 'T' means 'add', 'M' means 'subtract' and 'D' means 'multiplied by', then what will be the value of the following expression?

**12 M 12 D 28 P 7 T 15**

A. −21
B. 15
C. 30
D. −15

Question ID : **9888372342**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. D
2. C

3. B

4. A

**Q.20** Who was the dentist who killed Cecil-the Lion in 2015?

A. John Walker
B. Gary Crow
C. Walter Palmer
D. Rupert Watson

Question ID : **9888372285**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. D
2. B
3. A
4. C

**Q.21** The energy which we get from food is measured in

A. Calories
B. Kelvin
C. Fat
D. Amperes

Question ID : **9888372305**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. D
2. C
3. B
4. A

**Q.22** How many litres of blood does an adult body have?

A. 3
B. 4
C. 5
D. 6

Question ID : **9888372306**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.23** Who is known as the Father of video games?

A. Karl Benz
B. Emile Berliner
C. Rudolf Diesel
D. Ralph H. Baer

Question ID : **9888372296**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

**Q.24** If Sunita earns 75/4% more than her boyfriend, find the approximate % her boyfriend earns less than Sunita.

A. 16%
B. 14%
C. 25%
D. 11%

Question ID : **9888372322**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

**Q.25** If the angles of a triangle are in the ratio of 2:3:7, then find the ratio of the greatest angle to the smallest angle.

A. 7:2
B. 2:3
C. 7:1
D. 3:5

Question ID : **9888372328**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B

✗ 4. D

**Q.26** Which wood is used to make a cricket bat?

A. Teak
B. Willow
C. Bamboo
D. Rosewood

Question ID : **9888372278**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.27** What of the given below devices converts chemical energy to electrical energy?

A. Transformer
B. Battery
C. Electric Generator
D. Wheel

Question ID : **9888372288**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.28** An angle is $30^\circ$ more than one half of its complement. Find difference between the greater and the smaller angles.

A. $10^\circ$
B. $20^\circ$
C. $30^\circ$
D. $25^\circ$

Question ID : **9888372327**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

**Q.29** What are the components of $(x^6-x^4-x^5-x^4+x^2-4)$?

A. (x-1)
B. (x+1)
C. Both (x-1) & (x+1)
D. Neither (x-1) or (x+1)

Question ID : **9888372309**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Q.30** Who fought Ahmad Shah Abdali at the third battle of Panipat?

A. Mughals
B. Lodhis
C. Marathas
D. Khiljis

Question ID : **9888372274**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.31** Which of the following is not a greenhouse gas?

A. Carbon dioxide
B. Methane
C. Chlorofluorocarbons
D. Oxygen

Question ID : **9888372280**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B

✔ 4. D

**Q.32** What are stars primarily made of?

A. Oxygen and Hydrogen
B. Hydrogen and Carbon
C. Hydrogen and Helium
D. Oxygen and Helium

Question ID : **9888372304**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. A
✔ 2. C
✘ 3. B
✘ 4. D

**Q.33** On which date was the partition of India announced?

A. 15th Aug 1947
B. 3rd June 1947
C. 17th July 1947
D. 1st July 1947

Question ID : **9888372276**
Status : **Answered**
Chosen Option : **4**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

**Q.34** Find the simple interest on Rs. 50 for 6 months at the rate of 10 paise per rupee per month.

A. Rs. 35
B. Rs. 40
C. Rs. 25
D. Rs. 30

Question ID : **9888372313**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. C
✔ 3. D

4. B

**Q.35** Two numbers are in the ratio 5:6.When 6 is added to each, the ratio becomes 7:8 then the numbers are

A. 10 & 12
B. 20 & 24
C. 15 & 18
D. 5 & 6

Question ID : **9888372316**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. A
2. C
3. D
4. B

**Q.36** If the given interchanges namely: signs + and ÷ and numbers 2 and 4 are made in signs and numbers, which one of the following would be correct?

A. 4 + 2 ÷ 6 = 1.5
B. 2 + 4 ÷ 6 = 8
C. 2 + 4 ÷ 3 = 3
D. 4 ÷ 2 + 3 = 4

Question ID : **9888372343**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. A
2. D
3. C
4. B

**Q.37** Stainless steel was invented by

A. William Howard Livens
B. Joseph Aspdin
C. Harry Brearley
D. James Dyson

Question ID : **9888372295**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. A
2. D
3. B
4. C

**Q.38** If BORDER is coded as 579649, then ORDER can be coded as

A. 79469
B. 79649
C. 76949
D. 79667

Question ID : **9888372337**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.39** The disease cirrhosis affects which organ in the body?

A. Brain
B. Liver
C. Heart
D. Kidney

Question ID : **9888372293**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.40** The ratio between the speeds of two buses is 11:9. If the second bus runs 270 kms in 15 hours, then the speed of the first bus is?

A. 23 km/hr
B. 11 km/hr
C. 2 km/hr
D. 22 km/hr

Question ID : **9888372336**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

**Q.41** Who presented the first Union Budget in 1947?

A. Indira Gandhi
B. Morarji Desai
C. R. K. Shanmukham Chetty
D. John Mathai

Question ID : **9888372283**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.42** On which network was the first SMS sent?

A. Airtel
B. Vodafone
C. Verizone
D. Digicel

Question ID : **9888372294**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.43** McAfee is a -------- ?

A. Anti-virus software
B. Programming language
C. Output device
D. Computer device

Question ID : **9888372301**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B

✗ 3. C

✗ 4. D

**Q.44** An Assertion (A) and a Reason (R) are given below.

**Assertion (A)**: In India judiciary is independent of the executive.

**Reason (R)**: Judiciary favors the government and helps in the implementation of its plans.

**Choose the correct option.**

A. A is true but R is false.
B. A is false but R is true.
C. Both A and R are true and R is the correct explanation of A.
D. Both A and R are false

Question ID : **9888372369**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

**Q.45** The product of the ages of Swati and Aparna is 120. If thrice the age of Aparna is more than Swati's age by 2 years, find the age of Swati.

A. 18
B. 20
C. 24
D. 16

Question ID : **9888372320**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C

✓ 2. A

✗ 3. D

✗ 4. B

**Q.46** A wholesaler sold a water purifier at a loss of 40%. If the selling price has been increased by Rs. 125, then wholesaler will get the profit of 10%. What was the cost price of the purifier?

A. Rs. 250
B. Rs. 225
C. Rs. 275
D. Rs. 300

Question ID : **9888372332**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B

✔ 2. A

✘ 3. C

✘ 4. D

**Q.47** If IRON is written as GOKI, then KNIFE may be written as

A. IKAEY
B. IEKAY
C. IKEAY
D. IAKEY

Question ID : **9888372339**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. B

✔ 2. C

✘ 3. D

✘ 4. A

**Q.48** Which tennis player has been awarded the Padma Bhushan award 2016?

A. Sania Mirza
B. Leander Paes
C. Mahesh Bhupathi
D. Rohan Bopanna

Question ID : **9888372279**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. B

✔ 2. A

✘ 3. D

✘ 4. C

**Q.49** What does ATM stand for?

A. Any Time Money
B. Automated Teller Machine
C. Automatic Talking Media
D. Analog Time Machine

Question ID : **9888372299**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B

2. D

3. A

4. C

**Q.50** When Vijay sells 12 pens, he gains the selling price of 2 pens. Calculate his % profit?

A. 15%
B. 20%
C. 18%
D. 12%

Question ID : **9888372334**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. C
2. A
3. B
4. D

**Q.51** To which dynasty did the famous patron of literature king Bhoja belong?

A. Chalukya
B. Chola
C. Paramara
D. Pala

Question ID : **9888372273**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. C
2. A
3. B
4. D

**Q.52** Based on the analogy given, find the missing word from the given options.

**Mother : Child : : Cloud : ?**

A. Rain
B. Thunder
C. Water
D. Weather

Question ID : **9888372351**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. B
2. C
3. A

✗ 4. D

**Q.53** If the standard deviation of a population is 7, what would be the population variance?

A. 14
B. 21
C. 49
D. 28

Question ID : **9888372331**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Comprehension:**

**Read the following Passage and answer the questions based on it.**

There are six members in a family. One couple has parents and their children in the family. Arjun is the son of Raju and Elamathi is the daughter of Arjun. Divya is the daughter of Rani who is the mother of Elamathi and Banu is the mother of Arjun.

**SubQuestion No : 54**

**Q.54** How many female members in the family?

A. 2
B. 3
C. 4
D. Cannot be determined

Question ID : **9888372354**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

**Comprehension:**

**Read the following Passage and answer the questions based on it.**

There are six members in a family. One couple has parents and their children in the family. Arjun is the son of Raju and Elamathi is the daughter of Arjun. Divya is the daughter of Rani who is the mother of Elamathi and Banu is the mother of Arjun.

**SubQuestion No : 55**

**Q.55** Which of the following pairs is the parents of the children?

A. Raju & Banu
B. Arjun & Banu
C. Raju & Rani
D. Arjun & Rani

Question ID : **9888372353**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

**Comprehension:**

**Read the following Passage and answer the questions based on it.**

There are six members in a family. One couple has parents and their children in the family. Arjun is the son of Raju and Elamathi is the daughter of Arjun. Divya is the daughter of Rani who is the mother of Elamathi and Banu is the mother of Arjun.

**SubQuestion No : 56**

**Q.56** What relationship to Divya and Elamathi bear to each other respectively?

A. Sisters
B. Mother & Daughter
C. Grandmother & Granddaughter
D. Cannot be determined

Question ID : **9888372355**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

**Q.57** A sum of Rs. 2000 at 40% per annum compounded annually. Calculate the interest for the third year at compound interest.

A. 1500
B. 1600
C. 1568
D. 1750

Question ID : **9888372312**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

**Q.58** Who received the Man Booker Prize in 2015 for his novel 'A brief history of seven killings'?

A. Marlon James
B. Richard Flanagan
C. Arvind Adiga
D. E.O.Wilson

Question ID : **9888372269**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Comprehension:**

**The following questions are based on the information given below:**

An advertising agency finds that, of its 170 clients, 115 read Indian Express, 110 read The Hindu and 130 read Times of India. Also 85 read Indian Express and Times of India, 75 read Indian Express and The Hindu, 95 read The Hindu and Times of India and 70 read all the three.

**SubQuestion No : 59**

**Q.59** How many read only The Hindu?

A. 5
B. 10
C. 25
D. 35

Question ID : **9888372362**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C

✔ 3. B

✘ 4. A

**Comprehension:**

**The following questions are based on the information given below:**

An advertising agency finds that, of its 170 clients, 115 read Indian Express, 110 read The Hindu and 130 read Times of India. Also 85 read Indian Express and Times of India, 75 read Indian Express and The Hindu, 95 read The Hindu and Times of India and 70 read all the three.

**SubQuestion No : 60**

**Q.60** How many read Indian Express and Times of India but not The Hindu?

A. 10
B. 20
C. 15
D. 30

Question ID : **9888372361**
Status : **Answered**
Chosen Option : **1**

**Ans** ✔ 1. C

✘ 2. D

✘ 3. B

✘ 4. A

**Comprehension:**

**The following questions are based on the information given below:**

An advertising agency finds that, of its 170 clients, 115 read Indian Express, 110 read The Hindu and 130 read Times of India. Also 85 read Indian Express and Times of India, 75 read Indian Express and The Hindu, 95 read The Hindu and Times of India and 70 read all the three.

**SubQuestion No : 61**

**Q.61** How many read only Indian Express?

A. 15
B. 25
C. 5
D. 10

Question ID : **9888372360**
Status : **Answered**
Chosen Option : **3**

**Ans** ✘ 1. A

2. D

3. B

4. C

**Q.62** For what value of $C_2$, the system of equation $6x+2y=2$ & $3x+y=C_2$ will be coincident?

A. 4
B. 0
C. 2
D. 1

Question ID : **9888372307**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. A
2. B
3. C
4. D

**Q.63** What is the increase in the number of workdays under the rural job guarantee scheme (MNREGA) in drought-affected areas?

A. 10
B. 25
C. 40
D. 50

Question ID : **9888372267**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. D
2. A
3. C
4. B

**Q.64** By dividing 14528 by a certain number, Suresh gets 83 as quotient and 3 as remainder. What is the divisor?

A. 165
B. 185
C. 195
D. 175

Question ID : **9888372323**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. D
2. B
3. A
4. C

**Comprehension:**

**Read the following table carefully and answer the questions given below:**

The percentage change in sales of six departmental stores from 2010 to 2012 is shown in the following table:

| Store | Percentage Change | |
|---|---|---|
| | From 2010 to 2011 | From 2011 to 2012 |
| P | +20 | −20 |
| Q | −20 | +9 |
| R | +5 | +12 |
| S | −7 | −15 |
| T | +17 | −8 |
| U | +21 | +9 |

**SubQuestion No : 65**

**Q.65** Sales in store P amounted to Rs. 80 lakhs in 2010. What was the sales amount of the same store in 2012?

A. 76.8 lakhs
B. 78.6 lakhs
C. 80 lakhs
D. 74 lakhs

Question ID : **9888372364**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Comprehension:**

**Read the following table carefully and answer the questions given below:**

The percentage change in sales of six departmental stores from 2010 to 2012 is shown in the following table:

| Store | Percentage Change | |
|---|---|---|
| | From 2010 to 2011 | From 2011 to 2012 |
| P | +20 | −20 |
| Q | −20 | +9 |
| R | +5 | +12 |
| S | −7 | −15 |
| T | +17 | −8 |
| U | +21 | +9 |

**SubQuestion No : 66**

**Q.66** In store T the sales for 2011 amounted to about what percentage of the sales for 2012?

A. 113
B. 109
C. 105
D. 101

Question ID : **9888372366**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Comprehension:**

**Read the following table carefully and answer the questions given below:**

The percentage change in sales of six departmental stores from 2010 to 2012 is shown in the following table:

| Store | Percentage Change | |
|---|---|---|
| | From 2010 to 2011 | From 2011 to 2012 |
| P | +20 | −20 |
| Q | −20 | +9 |
| R | +5 | +12 |
| S | −7 | −15 |
| T | +17 | −8 |
| U | +21 | +9 |

**SubQuestion No : 67**

**Q.67** In 2012 which of the stores had greater sales than any other stores?

A. R
B. P
C. T
D. Q

Question ID : **9888372365**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. D
✗ 2. C
✗ 3. A
✗ 4. B

**Q.68** Sunil and Gopal are partners in a business. Sunil invests Rs. 20,000 for 9 months and Gopal invests Rs. 30,000 for 12 months. Find the share of Sunil from the total profit of Rs. 60,000.

A. Rs. 15000
B. Rs. 18000
C. Rs. 25000
D. Rs. 20000

Question ID : **9888372321**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

**Q.69** The mean of a distribution is 11 and the standard deviation is 5. What is the value of the coefficient variation?

A. 45.45%
B. 35.35%
C. 25.25%
D. 55.55%

Question ID : **9888372329**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

**Q.70** The mean of 14 observations is 11. One more observation is included and the new mean becomes 12. The $15^{th}$ observation is

A. 20
B. 24
C. 26
D. 28

Question ID : **9888372330**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.71** Five women can do a work in thirty six days. If the ratio between the capacity of a man and a woman is 3:1, then find how many days it will take 5 men to complete the same work?

A. 12 days
B. 15 days
C. 18 days
D. 108 days

Question ID : **9888372315**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B

✔ 3. A

✘ 4. C

**Q.72** Who conferred the title of 'Gurudev' on Rabindranath Tagore?

A. Mahatma Gandhi
B. Pandit Nehru
C. Lala Lajpat Rai
D. Bal Gangadhar Tilak

Question ID : **9888372275**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✘ 1. B
✘ 2. D
✘ 3. C
✔ 4. A

**Q.73** If NCLAGJ stands for PENCIL, then AMJMSP stands for --------

A. ERASER
B. PAPERS
C. KOLOUR
D. COLOUR

Question ID : **9888372340**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. A
✘ 3. B
✘ 4. C

**Q.74** If (sinA + cos A) / (sinA - cosA) = 5/4, the value of (tan2A + 1) / (tan2A - 1) = ?

A. 41/40
B. 12 /13
C. 40/41
D. 3/5

Question ID : **9888372318**
Status : **Answered**
Chosen Option : **4**

**Ans** 1. B
2. C
3. D
4. A

Note: For this question, discrepancy is found in question/answer. So, Th
is question is ignored for all candidates.

**Q.75** If 15 persons can do a job in 30 days, then 30 persons with twice the efficiency can do the same job in how many days?

A. 7
B. 3.5
C. 5
D. 7.5

Question ID : **9888372314**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. A
✘ 3. B
✘ 4. C

**Q.76** If two complementary angles are in the ratio of 2:3, find the ratio of square of smaller angle to square of greater angle.

A. 3:2
B. 9:11
C. 4:5
D. 4:9

Question ID : **9888372326**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. B
✔ 2. D
✘ 3. C
✘ 4. A

**Q.77** What denotes offering several products for sale as one combined product?

A. Advertisement
B. Product mix
C. Product bundling
D. Differentiation

Question ID : **9888372298**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.78** Which was the capital of the first Sri Lankan kingdom?

A. Jaffna
B. Polonnaruwa
C. Anuradhapura
D. Kandy

Question ID : **9888372272**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

---

**Q.79** $\sin^6 A + \cos^6 A - 1$ is equal to

A. $3\sin^2 A \cos^2 A$
B. $1-3\sin A \cos A$
C. $1+3\sin^2 A \cos^2 A$
D. 0

Question ID : **9888372319**
Status : **Answered**
Chosen Option : **4**

**Ans** 1. B
2. D
3. C
4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

---

**Q.80** In the following expression '$\alpha$' stands for '>'; '$\beta$' stands for '<'; '$\gamma$' stands for 'not greater than'; '$\delta$' stands for 'not less than'; and '$\mu$' stands for '='.

If 3C $\delta$ 2A and B $\alpha$ C, then which of the following statement is true?

A. 3B $\mu$ 2A
B. B $\mu$ A
C. 3B $\alpha$ 2A
D. 2A $\alpha$ 3B

Question ID : **9888372344**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.81** Which of the following is a bad conductor of heat?

A. Wood
B. Diamond
C. Water
D. Mica

Question ID : **9888372289**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

**Q.82** Choose the pair which is related in the same way as the words in the first pair from the given choices

**Mosquito : Malaria : : _____ : _____**

A. Housefly : Food
B. Road : Accident
C. Soil : Erosion
D. Tobacco : Cancer

Question ID : **9888372345**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

**Q.83** Where will the 2022 Commonwealth Games be played?

A. Glasgow
B. Durban
C. Gold Coast
D. New Delhi

Question ID : **9888372277**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

**Q.84** Rearrange the jumbled up letters in their natural sequence and find the odd one out.

A. LAFC
B. UKCGIDLN
C. RILNIGHE
D. BCU

Question ID : **9888372358**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

**Q.85** Sita starts to calculate sum of all odd natural numbers less than 72. What result does she get?

A. 1196
B. 1296
C. 1331
D. 1276

Question ID : **9888372325**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.86** On an average how many times does lightning strike the Earth?

A. 100 times per second
B. 100 times per day
C. 1000 times per day
D. 100 times per hour

Question ID : **9888372303**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

**Q.87** An Assertion (A) and a Reason (R) are given below.

**Assertion (A)**: We feel comfortable in hot and humid climate.

**Reason (R)**: Sweat evaporates faster in humid climate.

**Choose the correct option.**

A. A is true but R is false.
B. A is false but R is true.
C. Both A and R are true and R is the correct explanation of A.
D. Both A and R are false

Question ID : **9888372367**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. B
✘ 4. A

**Q.88** Rearrange the jumbled up letters in their natural sequence and find the odd one out.

A. UTNA
B. EINEC
C. OMEHRT
D. ROBEHRT

Question ID : **9888372357**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. B
✔ 4. D

**Q.89** Which is the form of market where there is lack of competition?

A. Monopoly
B. Oligopoly
C. Perfect competition
D. Marketisation

Question ID : **9888372297**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✔ 2. A
✘ 3. D

✗ 4. B

**Q.90** One of four words is a class to which the other three belong. Identify the class.

A. Hawaii
B. Cuba
C. Island
D. Greenland

Question ID : **9888372346**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.91** Based on the analogy given, find the missing pair from the given options.

**32 : 13 : : ------: -------**

A. 51 : 36
B. 83 : 121
C. 71 : 81
D. 47 : 65

Question ID : **9888372349**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.92** Find the LCM of 3.2, 2.72, 1.28 and 1.44

A. 24.48
B. 2448
C. 2.448
D. 244.8

Question ID : **9888372310**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. B

✗ 4. D

**Q.93** Which of the following is called 'The queen of Arabian sea'?

A. Mumbai
B. Thiruvananthapuram
C. Kochi
D. Surat

Question ID : **9888372270**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.94** What is the name of the castle that was built in honour of world renowned composer Richard Wagner?

A. Balmoral Castle
B. Neuschwanstein Castle
C. Conwy castle
D. Kronborg

Question ID : **9888372286**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.95** Select the correct set of symbols which will fit in the given equation?

**5 0 3 5 = 20**

A. +, −, +
B. x, +, x
C. −, +, x
D. x, x, x

Question ID : **9888372341**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

**Q.96** Evaporation of water from leaves of a plant is called

A. Transpiration
B. Respiration
C. Perspiration
D. Evaporation

Question ID : **9888372291**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

**Q.97** How do you know Yarlung Tsangpo better?

A. Ganges
B. Brahmaputra
C. Mahanadi
D. Sutlej

Question ID : **9888372271**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

**Q.98** The famous Sanchi Stupa was commissioned by

A. Bindusara
B. Ashoka
C. Chandragupta Maurya
D. Kanishka

Question ID : **9888372287**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✓ 2. B

✗ 3. C

✗ 4. A

**Q.99** How long will Ramesh take to run round a square park of edge 50 metres, if he runs at the rate of 18 km/hr?

A. 40 sec
B. 20 sec
C. 80 sec
D. 160 sec

Question ID : **9888372335**
Status : **Answered**
Chosen Option : **1**

**Ans**

✓ 1. A

✗ 2. D

✗ 3. C

✗ 4. B

**Q.100** Ramesh sold a phone at a loss of 5%. Had he sold it for Rs. 200 more, he would gave gained 15%. To gain 25%, he should sell it for :

A. Rs. 1175
B. Rs. 1150
C. Rs. 1225
D. Rs. 1250

Question ID : **9888372333**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. B

✗ 2. A

✗ 3. C

✓ 4. D

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 18th April 2016 Shift 2

| | |
|---|---|
| Roll No: | 12347850430317 |
| Participants Name: | VIKASH KUMAR |
| Test Center Name: | iON Digital Zone iDZ, Chandpura |
| Test Date: | 18/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** रितेश ने एक पुरानी बाइक खरीदी, तीन मालिकों के माध्यम से गुजरने के बाद बाइक का मूल्य 50% बढ़ जाता है। यदि पहले और दूसरे मालिक को क्रमश: 10% और 30% लाभ मिलता है, तो तीसरे मालिक द्वारा अर्जित% लाभ ज्ञात कीजिए।

A. 8%
B. 11%
C. 4.9%
D. 6.9%

Question ID : **2055233052**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

**Q.2** यदि 'दीवार' को 'खिड़की' कहा जाता है, 'खिड़की' को 'दरवाजा' कहा जाता है, 'दरवाजा' को 'फर्श' कहा जाता है, 'फर्श' को 'छत' कहा जाता है और 'छत' को 'वेंटीलेटर' कहा जाता है तो कोई व्यक्ति कहां पर खड़ा होगा?

A. छत
B. खिड़की
C. दीवार
D. फर्श

Question ID : **2055233059**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. B
✓ 4. A

**Q.3** 13वी सदी में बख्तियार खिलजी (Bakhtiyar Khilji) ने बंगाल के किस राजा को पराजित किया था?

A. महीपाल (Mahipal)
B. लक्ष्मणसेन (Lakshmanasen)
C. शशांक (Shashank)
D. गृहवर्मन (Grihavarman)

Question ID : **2055232994**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

**Q.4** वह साधारण ब्याज दर ज्ञात करें, जिस पर एक धनराशि साधारण ब्याज की दर से 10 वर्ष में पांच गुनी हो जाती है।

A. 40%
B. 35%
C. 25%
D. 50%

Question ID : **2055233033**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.5** A एक काम का 2/5 भाग X दिनों में पूरा करता है। इसके बाद वह B को बुलाता है और वे एक साथ मिलकर 6 दिनों में शेष काम को समाप्त कर देते हैं। यदि B अकेले 100/6 दिन लेता है, तो X का मान ज्ञात कीजिए।

A. 10 दिन
B. 50/3 दिन
C. 20 दिन
D. 40 दिन

Question ID : **2055233035**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.6** इन संख्याओं में से कौन सी11 से विभाज्य है?

A. 45336787
B. 44469542
C. 49231754
D. 56433257

Question ID : **2055233045**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.7** 15 प्रेक्षणों का माध्य (mean) 14 है। तीन और प्रेक्षणों को शामिल किया गया और नया माध्य (mean) 13 हो जाता है। तीन नए प्रेक्षणों का माध्य है:

A. 6
B. 7
C. 8
D. 11

Question ID : **2055233050**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.8** निम्नलिखित में से किस क्रिकेट खिलाड़ी को MCC (लॉर्ड्स) की मानद सदस्यता प्रदान की गई थी?

A. महेंद्र सिंह धोनी
B. सौरव गांगुली
C. वीरेंद्र सहवाग
D. सचिन तेंडुलकर

Question ID : **2055232988**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.9** विश्व कैंसर दिवस कब मनाया जाता है?

A. 4 फरवरी
B. 5 मार्च
C. 12 मई
D. 23 अगस्त

Question ID : **2055232989**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

Q.10 यदि एक जनसंख्या का मानक विचलन 8 है, तो इसका विचरण क्या होगा?

Question ID : **2055233051**
Status : **Not Attempted**
Chosen Option : **--**

A. 64
B. 16
C. 32
D. 24

Ans
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Comprehension:**

**निम्नलिखित प्रश्न नीचे दी गई जानकारी पर आधारित हैं:**

किसी शहर के एक कॉलेज के सभी 3200 विद्यार्थियों को तीन भाषाओं अंग्रेजी, तेलगु और हिंदी में से कम से कम एक भाषा आती है। 2400 को अंग्रेजी आती है, 1700 को तेलगु आती है, 800 को हिंदी आती है, 1000 को अंग्रेजी और तेलगु आती है, 500 को अंग्रेजी और हिंदी आती है, 300 को तेलगु और हिंदी आती है तथा केवल 100 को तीनों भाषाएं आती हैं।

**SubQuestion No : 11**

Q.11 कितनों को तीनों में से एक भी भाषा नहीं आती?

Question ID : **2055233082**
Status : **Not Attempted**
Chosen Option : **--**

A. 0
B. 1
C. 10
D. 15

Ans
✓ 1. A
✗ 2. D
✗ 3. C
✗ 4. B

**Comprehension:**

**निम्नलिखित प्रश्न नीचे दी गई जानकारी पर आधारित हैं:**

किसी शहर के एक कॉलेज के सभी 3200 विद्यार्थियों को तीन भाषाओं अंग्रेजी, तेलगु और हिंदी में से कम से कम एक भाषा आती है। 2400 को अंग्रेजी आती है, 1700 को तेलगु आती है, 800 को हिंदी आती है, 1000 को अंग्रेजी और तेलगु आती है, 500 को अंग्रेजी और हिंदी आती है, 300 को तेलगु और हिंदी आती है तथा केवल 100 को तीनों भाषाएं आती हैं।

**SubQuestion No : 12**

Q.12 कितनों को केवल हिंदी आती है?

Question ID : **2055233080**
Status : **Answered**
Chosen Option : **4**

A. 200
B. 400
C. 100
D. 800

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Comprehension:**

**निम्नलिखित प्रश्न नीचे दी गई जानकारी पर आधारित हैं:**

किसी शहर के एक कॉलेज के सभी 3200 विद्यार्थियों को तीन भाषाओं अंग्रेजी, तेलगु और हिंदी में से कम से कम एक भाषा आती है। 2400 को अंग्रेजी आती है, 1700 को तेलगु आती है, 800 को हिंदी आती है, 1000 को अंग्रेजी और तेलगु आती है, 500 को अंग्रेजी और हिंदी आती है, 300 को तेलगु और हिंदी आती है तथा केवल 100 को तीनों भाषाएं आती हैं।

**SubQuestion No : 13**

**Q.13** कितनों को तीनों में से केवल एक भाषा आती है?

Question ID : **2055233081**
Status : **Not Attempted**
Chosen Option : **--**

A. 1600
B. 900
C. 300
D. 100

**Ans**
✗ 1. C
✓ 2. A
✗ 3. D
✗ 4. B

---

**Q.14** सूखी बर्फ (dry ice) क्या है?

Question ID : **2055233010**
Status : **Answered**
Chosen Option : **3**

A. सूखा हुआ बर्फ
B. रेगिस्तान (deserts) में जमी हुई बर्फ
C. कार्बन डाईऑक्साइड का ठोस रूप
D. हाईड्रोजन पेरॉक्साइड का ठोस रूप

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

---

**Q.15** तीन जॉगर्स स्थान X से स्थान Y तक दौड़ते हैं उनकी गति 10:3:20 के अनुपात में है। इन जॉगर्स के गंतव्य तक पहुँचने के समय का अनुपात होगा:

Question ID : **2055233056**
Status : **Not Attempted**
Chosen Option : **--**

A. 20:3:10
B. 3:6:20
C. 6:20:3
D. 6:3:20

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

---

**Comprehension:**

**निम्नांकित सारणी का ध्यानपूर्वक अध्ययन करें और इन पर आधारित प्रश्नों के उत्तर दें।**

निम्नांकित सारणी फुटबॉल प्रतियोगिता का परिणाम दर्शाती है।
'मैच राउंड रोबिन' (प्रत्येक टीम, एक दूसरे के खिलाफ एक बार मैच खेलती है)
के आधार पर खेले गए और भाग लेने वाली टीमें
थी- दिल्ली, मुंबई और चेन्नई। सारणी में कुछ आंकड़े नहीं दिए गए हैं।

| राज्य | मैच खेले | जीत | अनिर्णित | हार | गोल किए | गोल खाए |
|---|---|---|---|---|---|---|
| दिल्ली | 2 | | 1 | | 2 | 4 |
| मुंबई | 2 | | | | 3 | 7 |
| चेन्नई | 2 | | | | | 1 |

**SubQuestion No : 16**

Q.16 मुंबई-चेन्नई मैच में मुंबई के पक्ष में क्या स्कोर था?

Question ID : **2055233085**
Status : **Answered**
Chosen Option : **1**

A. 1 - 6
B. 2 - 5
C. 1 - 5
D. 1 - 4

Ans
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

**Comprehension:**

**निम्नांकित सारणी का ध्यानपूर्वक अध्ययन करें और इन पर आधारित प्रश्नों के उत्तर दें।**

निम्नांकित सारणी फुटबॉल प्रतियोगिता का परिणाम दर्शाती है।
'मैच राउंड रोबिन' (प्रत्येक टीम, एक दूसरे के खिलाफ एक बार मैच खेलती है)
के आधार पर खेले गए और भाग लेने वाली टीमें
थी- दिल्ली, मुंबई और चेन्नई। सारणी में कुछ आंकड़े नहीं दिए गए हैं।

| राज्य | मैच खेले | जीत | अनिर्णित | हार | गोल किए | गोल खाए |
|---|---|---|---|---|---|---|
| दिल्ली | 2 | | 1 | | 2 | 4 |
| मुंबई | 2 | | | | 3 | 7 |
| चेन्नई | 2 | | | | | 1 |

**SubQuestion No : 17**

Q.17 चेन्नई ने कितने गोल किए?

Question ID : **2055233086**
Status : **Answered**
Chosen Option : **4**

A. 1
B. 7
C. 3
D. 5

Ans

✗ 1. D

✗ 2. A
3. C

✓ 4. B

**Comprehension:**

**निम्नांकित सारणी का ध्यानपूर्वक अध्ययन करें और इन पर आधारित प्रश्नों के उत्तर दें।**

निम्नांकित सारणी फुटबॉल प्रतियोगिता का परिणाम दर्शाती है।
'मैच राउंड रोबिन' (प्रत्येक टीम, एक दूसरे के खिलाफ एक बार मैच खेलती है)
के आधार पर खेले गए और भाग लेने वाली टीमें
थी- दिल्ली, मुंबई और चेन्नई। सारणी में कुछ आंकड़े नहीं दिए गए हैं।

| राज्य | मैच खेले | जीत | अनिर्णित | हार | गोल किए | गोल खाए |
|---|---|---|---|---|---|---|
| दिल्ली | 2 | | 1 | | 2 | 4 |
| मुंबई | 2 | | | | 3 | 7 |
| चेन्नई | 2 | | | | | 1 |

**SubQuestion No : 18**

**Q.18** मुंबई टीम कितने मैच हारी?

Question ID : **2055233084**
Status : **Answered**
Chosen Option : **1**

A. 0 या 1
B. 2
C. 0
D. 1

**Ans** ✗ 1. A

✗ 2. C

✓ 3. D

✗ 4. B

**Q.19** दिए गए विकल्पों में से वह युग्म चुनें जो पहले युग्म के शब्दों की भांति आपस में संबंधित हों

**Moth : Insect : : Mouse : --------**

Question ID : **2055233065**
Status : **Answered**
Chosen Option : **3**

A. Rodent
B. Cat
C. Mole
D. Rat

**Ans** ✓ 1. A

✗ 2. C

✗ 3. D

✗ 4. B

**Q.20** निम्नलिखित में से अमेरिकी गोल्फ खिलाड़ी कौन है?

Question ID : **2055232998**
Status : **Answered**
Chosen Option : **1**

A. टाइगर वुडस (Tiger woods)
B. डेनियल ब्रूक्स (Daniel Brooks)
C. स्कॉट हेंडरसन (Scott Henderson)
D. निक फ्लेनगन (Nick Flanagan)

**Ans** ✓ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

**Q.21** निम्नलिखित में से किसे 'ब्लैक ब्यूटी' ('Black beauty') कहा जाता है?

Question ID : **2055233022**
Status : **Answered**
Chosen Option : **1**

A. पंचतंत्र में कौए का नाम
B. कच्चे रूप में पेट्रोल
C. रैपन्ज़ेल का दूसरा नाम
D. मार्स से एक कोयले के रंग का पत्थर

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.22** प्रिज्म (Prism) क्या करता है?

Question ID : **2055233014**
Status : **Answered**
Chosen Option : **4**

A. प्रकाश को प्रतिबिंबित करता है|
B. यह प्रकाश को गुज़रने से रोकता है|
C. यह उसके ज़रिए गुज़र रहे प्रकाश को तितर बितर करता है|
D. यह प्रकाश को उसके मार्ग से अपवर्तित करता है|

**Ans**
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

**Q.23** किस अनुपात में 30% पोटेशियम नाइट्रेट घोल को 60% पोटेशियम नाइट्रेट घोल के साथ मिश्रित किया जाना चाहिए ताकि परिणामस्वरूप घोल में 40% पोटेशियम नाइट्रेट हो जाए?

Question ID : **2055233036**
Status : **Answered**
Chosen Option : **1**

A. 2:1
B. 3:1
C. 1:3
D. 4:5

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.24** किस विटामिन की कमी से स्कर्वी (Scurvy) रोग होता है?

Question ID : **2055233013**
Status : **Answered**
Chosen Option : **1**

A. विटामिन ए (Vitamin A)
B. विटामिन बी6 (Vitamin B6)
C. विटामिन के (Vitamin K)
D. विटामिन सी (Vitamin C)

**Ans**
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

**Q.25**

Question ID : **2055233007**
Status : **Not Attempted**
Chosen Option : **--**

मिस्र का सबसे बड़ा पिरामिड कौन सा है?

A. खफ्री पिरामिड (Pyramid of Khafre)
B. मेनकौर पिरामिड (Pyramid of Menkaure)
C. खुफू पिरामिड (Pyramid of Khufu)
D. जेडफ्रे पिरामिड (Pyramid of Djedefre)

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.26** निम्नलिखित में से कौन सी झील सलाइन सोड़ा (saline soda) झील है, जो उल्कापात के प्रभाव से बुल्धाना (Buldhana) जिले में बनी थी?

A. लोनार झील
B. नकुरु झील
C. शाला झील
D. मोनो झील

Question ID : **2055233023**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

**Q.27** अव्यवस्थित अक्षरों को उनके स्वाभाविक क्रम में पुनर्व्यवस्थित करें और असंगत को चुनें।

A. OLENV
B. EISTSH
C. AGZEANIM
D. TCAYRIDION

Question ID : **2055233078**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.28** यदि 9cosA+12sinA = 15 है, तो cotA का मान ज्ञात करें।

A. 3/4
B. 12/13
C. 1/3
D. 3/5

Question ID : **2055233039**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

**Q.29** कंप्यूटर शब्दावली में MIPS का अर्थ क्या है?

A. मार्जिनल इन्पुट स्टोरेज (Marginal Input Storage)
B. मिलियन इन्सट्रक्शन पर सैकेंड (Million Instruction per Second)
C. माइक्रो इन्फार्मेशन प्रोसेसिंग स्टोरेज (Micro Information Processing Storage)
D. मेमरी इमेज प्रोसेसिंग स्टेट (Memory Image Processing State)

Question ID : **2055233021**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.30** तीन संख्याओं का अनुपात 2:3:6 तथा उनका HCF45 है।इन संख्याओं का योगफल ज्ञात कीजिए।

A. 405
B. 455
C. 495
D. 525

Question ID : **2055233031**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

---

**Q.31** कंप्यूटर के किस भाग को नर्व सेंटर कहा जाता है?

A. सॉफ्टवेयर (Software)
B. हार्ड़वेयर (Hardware)
C. कंट्रोल यूनिट (Control unit)
D. प्रोग्राम्स (Programs)

Question ID : **2055233020**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

---

**Q.32** पहले के चेरा (Chera Dynasty) वंश ने किन राज्यों पर शासन किया था?

A. तमिलनाडु और केरल
B. बंगाल और उड़ीसा
C. अरुणाचल प्रदेश और सिक्किम
D. महाराष्ट्र और गुजरात

Question ID : **2055232993**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

---

**Q.33** यदि A + B = 2C और C + D = 2A है तो

A. A + C = 2D
B. A + C = B + D
C. A + C = 2B
D. A + D = B + C

Question ID : **2055233064**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

---

**Q.34** एक बंटन का माध्य (mean) 10 और मानक विचलन 5 है। विचरण गुणांक का मान क्या है?

A. 50%
B. 100%
C. 150%
D. 200%

Question ID : **2055233049**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C

✗ 4. D

**Q.35** यदि 'P' दर्शाता है '+', 'Q' दर्शाता है '-', 'R' दर्शाता है 'x' और 'S' दर्शाता है '÷' तो **10 Q 5 R 27 S 9 P 10** का मान होगा:

A. 10
B. 15
C. 5
D. 1

Question ID : **2055233063**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.36** एक बस कुछ दूरी एक निश्चित गति से तय करती है।यदि एक व्यक्ति उस दूरी का एक तिहाई भाग तीन गुना समय में तय करता है, तो व्यक्ति की गति का, बस की गति से अनुपात है:

A. 1:3
B. 3:1
C. 1:9
D. 9:1

Question ID : **2055233055**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.37** ध्वनि के नाप की यूनिट क्या है?

A. न्यूटन (Newton)
B. डेसिबल (Decibel)
C. सोन्स (Sones)
D. फॉन्स (Phons)

Question ID : **2055233000**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Q.38** एक निश्चित कूट भाषा में CHAIR को $*1÷8 और HIDE को *÷35 लिखा जाता है। उसी कूट भाषा में DEAR को किस प्रकार लिखा जाएगा?

A. 3851
B. 5318
C. 3518
D. 5381

Question ID : **2055233057**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Q.39** कंप्यूटर के संबंध में WWW का विस्तार क्या है?

A. वर्ल्ड़ वाइड वेब (World Wide Web)
B. वेब वाइड वर्ल्ड़ (Web Wide World)
C. होल वर्ल्ड वेब (Whole World Web)
D. वाइड़ वर्ड वेब (Wide Word Web)

Question ID : **2055233019**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Q.40** दी गई समरूपता के आधार पर, दिए गए विकल्पों में से नहीं दिया गया शब्द ज्ञात करें।

**पालम : दिल्ली :: दम दम : ----------**

A. हैदराबाद
B. चेन्नई
C. मुंबई
D. कोलकाता

Question ID : **2055233071**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Q.41** निम्नलिखित कथनों पर विचार कीजिए और सही विकल्प का चयन कीजिए:

1. दो सीधी रेखाएं एक से अधिक बिंदु पर एक दूसरे को प्रतिच्छेदित कर सकती हैं।
2. एक कोण की भुजाए क्रमश: अन्य कोण की भुजाओं की समानांतर हैं, तो दोनों कोण या तो बराबर या अनुपूरक होते हैं।

A. दोनों 1 और 2 सही नहीं हैं।
B. दोनों 1 और 2 सही हैं।
C. 1 गलत है और 2 सही है|
D. 1 सही है और 2 गलत है|

Question ID : **2055233047**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.42** { $(8)^{10}$ x $(9)^{7}$ x $7^{8}$ } के गुणनफल में कुल अभाज्य गुणनखंड ज्ञात कीजिए।

A. 45
B. 54
C. 52
D. 65

Question ID : **2055233043**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.43** माइक्रोसॉफ्ट के मुख्य कार्यकारी अधिकारी CEO के रूप में सत्या नाडेल्ला की जगह किसने ली है?

A. जे. डबल्यू. थॉम्पसन (J. W. Thompson)
B. स्टीव बाल्मर (Steve Ballmer)
C. एमी हुड (Amy Hood)
D. बिल गेट्स (Bill Gates)

Question ID : **2055233005**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.44** अव्यवस्थित अक्षरों को उनके स्वाभाविक क्रम में पुनर्व्यवस्थित करें और असंगत को चुनें।

A. UNPE
B. ILOLSGNH
C. OHALPB
D. ENANCIH

Question ID : **2055233077**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

**Q.45**

Question ID : **2055233038**

एक स्तम्भ की छाया की लंबाई 24 मी कम हो जाती है जब सूर्य का उन्नयन कोण $30^{\circ}$ से $60^{\circ}$ हो जाता है, स्तम्भ की लम्बाई है:

A. $10\sqrt{3}$
B. $8\sqrt{3}$
C. $16\sqrt{3}$
D. $12\sqrt{3}$

Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

---

**Q.46** निम्नलिखित में से किस उपकरण में जाइरोस्कोप (gyroscope) का प्रयोग किया जाता है?

A. कंप्यूटर कीबोर्ड (Computer keyboard)
B. कंप्यूटर माउस (Computer mouse)
C. टेलीफोन (Telephone)
D. टेलीवीज़न (Television)

Question ID : **2055233016**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

---

**Q.47** डाइनामाइट (dynamite) का आविष्कार किसने किया?

A. अल्फ्रेड नोबेल (Alfred Nobel)
B. फिलिप्पस पारसेल्सस (Philippus Paracelsus)
C. लुई पाश्चर (Louis Pasteur)
D. सर हम्फ्री डेवी (Sir Humphrey Davy)

Question ID : **2055233015**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

---

**Q.48** नीचे एक अभिकथन (A) और एक कारण (R) दिया गया है।

**अभिकथन (A):** अधिकांश प्राचीन सभ्यताएं नदियों के पास विकसित हुई थीं।

**कारण (R):** मनुष्य का मुख्य व्यवसाय कृषि था।

**सही विकल्प चुनें।**

A. A सही है लेकिन R गलत है।
B. A गलत है लेकिन R सही है।
C. A और R दोनों सही हैं और R, A की उचित व्याख्या है।
D. A और R दोनों सही हैं लेकिन R, A की उचित व्याख्या नहीं है।

Question ID : **2055233089**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

---

**Q.49**

Question ID : **2055233017**
Status : **Answered**
Chosen Option : **4**

आनुवंशिकता के नियम किसने प्रस्तावित किए थे?

A. थॉमस रॉबर्ट माल्थस (Thomas Robert Malthus)
B. जॉन मेनार्ड केयन्स (John Maynard Keynes)
C. ग्रेगर मेंडल (Gregor Mendel)
D. डोनाल्ड़ बेयर (Donald Baer)

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Q.50** क्रिस्टियानो रोनाल्डो, (Cristiano Ronaldo) फुटबॉल खिलाड़ी किस देश का प्रतिनिधित्व करते हैं?

A. ब्राज़ील
B. अर्जेन्टीना
C. पुर्तगाल
D. इंग्लैंड

Question ID : **2055232999**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.51** भारतीय फिल्म उद्योग के 'सेलूलॉयड़ मैन' ('Celluloid Man') का नाम बताएं, जिनकी मृत्यु हाल ही में हुई है?

A. डेविड बोवी (David Bowie)
B. पी. के. नायर (P.K.Nair)
C. रवींद्र जैन (Ravindra Jain)
D. सरूप परिंदा (Saroop Parinda)

Question ID : **2055232987**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.52** यदि दो संपूरक कोणों का अनुपात 13:5 है, तो दोनों में अन्तर ज्ञात कीजिए।

A. 60°
B. 70°
C. 80°
D. 120°

Question ID : **2055233046**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

**Q.53** यदि 'L' का अर्थ 'x', 'M' का अर्थ '+', 'N' का अर्थ '-', 'P' का अर्थ '÷' हो तो 44 M 64 N 60 P 15 L 4 का मान क्या होगा?

A. 13
B. 82
C. 72
D. 92

Question ID : **2055233061**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

**Q.54**

Question ID : **2055232997**
Status : **Answered**

'स्ट्रेट ड्राइव' ('Straight Drive') पुस्तक के लेखक कौन हैं?

Chosen Option : **1**

A. कपिल देव
B. सुनील गावस्कर
C. प्रकाश पादुकोण
D. विश्वनाथन आनंद

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Comprehension:**

**निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और इसके नीचे दिए गए प्रश्नों के उत्तर दें।**

एक परिवार में छह पीढ़ियां हैं हालांकि परिवार में कुल पांच सदस्य हैं। परिवार के सदस्यों के नाम हैं, आदित्य, बावन, चारु, दीपा और वरुण।

उन लोगों के बारे में निम्नलिखित टिप्पणियों दी गई हैं।

चारु एकमात्र अविवाहित संतान है जिसके दादा-दादी का निधन हो गया है। दीपा विधवा है जो विधुर वरुण की पुत्री है।

परिवार का कोई भी सदस्य दत्तक पुत्र या दत्तक पुत्री नहीं है।

एक पीढ़ी में परिवार का अधिकतम एक ही सदस्य है।

प्रत्येक दम्पति की केवल एक संतान है और प्रथम पीढ़ी में कोई भी भाई-बहन नहीं थे।

**SubQuestion No : 55**

**Q.55** यदि आदित्य बावन का पोता है तो अंतिम पीढ़ी से पहले का सदस्य कौन है?

Question ID : **2055233073**
Status : **Answered**
Chosen Option : **2**

A. वरुण
B. दीपा
C. चारु
D. आदित्य

**Ans**
✘ 1. C
✘ 2. A
✔ 3. D
✘ 4. B

**Comprehension:**

**निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और इसके नीचे दिए गए प्रश्नों के उत्तर दें।**

एक परिवार में छह पीढ़ियां हैं हालांकि परिवार में कुल पांच सदस्य हैं। परिवार के सदस्यों के नाम हैं, आदित्य, बावन, चारु, दीपा और वरुण।

उन लोगों के बारे में निम्नलिखित टिप्पणियों दी गई हैं।

चारु एकमात्र अविवाहित संतान है जिसके दादा-दादी का निधन हो गया है। दीपा विधवा है जो विधुर वरुण की पुत्री है।

परिवार का कोई भी सदस्य दत्तक पुत्र या दत्तक पुत्री नहीं है।

एक पीढ़ी में परिवार का अधिकतम एक ही सदस्य है।

प्रत्येक दम्पति की केवल एक संतान है और प्रथम पीढ़ी में कोई भी भाई-बहन नहीं थे।

**SubQuestion No : 56**

**Q.56** यदि आदित्य चारू का पिता और बावन का पोता है तो परिवार में कितने संभावित संयोजन विद्यमान हैं?

Question ID : **2055233075**
Status : **Answered**
Chosen Option : **4**

A. 1
B. 2
C. 3
D. 4

Ans
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Comprehension:**

**निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और इसके नीचे दिए गए प्रश्नों के उत्तर दें।**

एक परिवार में छह पीढ़ियां हैं हालांकि परिवार में कुल पांच सदस्य हैं। परिवार के सदस्यों के नाम हैं, आदित्य, बावन, चारु, दीपा और वरुण।

उन लोगों के बारे में निम्नलिखित टिप्पणियों दी गई हैं।

चारु एकमात्र अविवाहित संतान है जिसके दादा-दादी का निधन हो गया है। दीपा विधवा है जो विधुर वरुण की पुत्री है।

परिवार का कोई भी सदस्य दत्तक पुत्र या दत्तक पुत्री नहीं है।

एक पीढ़ी में परिवार का अधिकतम एक ही सदस्य है।

प्रत्येक दम्पति की केवल एक संतान है और प्रथम पीढ़ी में कोई भी भाई-बहन नहीं थे।

**SubQuestion No : 57**

**Q.57** यदि चारु के दादा जीवित होते तो वे निश्चित रूप से किस पीढ़ी के सदस्य होते?

Question ID : **2055233074**
Status : **Answered**
Chosen Option : **3**

A. तीसरी
B. दूसरी
C. अंतिम से दूसरी
D. अंतिम से पहली

Ans
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

**Q.58** कुछ कथन और उसके दो निष्कर्ष I और II दिए गए हैं। आपको दिए गए कथनों को सही मान कर चलना है चाहे वे सामान्य ज्ञात तथ्यों से भिन्न प्रतीत होते हों।

**कथन:**
सभी आम सुनहरे रंग के हैं।
कोई भी सुनहरी चीज सस्ती नहीं होती।

**निष्कर्ष:**
I. सभी आम सस्ते हैं।
II. सुनहरे रंग के आम सस्ते नहीं हैं।

**निर्णय कीजिए कि नीचे दिए गए कौन से विकल्प दिए गए कथनों का तार्किक रूप से अनुसरण करते हैं।**

Question ID : **2055233076**
Status : **Answered**
Chosen Option : **3**

A. दोनों निष्कर्ष I और II अनुसरण करते हैं।
B. ना तो निष्कर्ष I और ना ही निष्कर्ष II अनुसरण करता है।
C. केवल निष्कर्ष I अनुसरण करता है।
D. केवल निष्कर्ष II अनुसरण करता है।

Ans
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

**Q.59** सुमन, साक्षी तथा मयंक एक साझेदारी करते हैं। सुमन साक्षी से 5 गुना और साक्षी, मयंक के निवेश का 3/5 भाग निवेश करती है। वर्ष के अंत में कुल लाभ 23000 रूपये अर्जित हुआ। साक्षी का भाग ज्ञात कीजिये।

Question ID : **2055233042**
Status : **Answered**
Chosen Option : **3**

A. 5000 रूपये
B. 3000 रूपये
C. 4000 रूपये
D. 4500 रूपये

Ans
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.60**

Question ID : **2055233034**

P एक काम को X दिनों में कर सकता है। उसने पूरे काम के 1/6 भाग को समाप्त किया और फिर Q ने अकेले बाकी काम को 15 दिनों में समाप्त किया। यदि वे एक साथ मिलकर 45/8 दिनों में पूरे काम का आधा भाग समाप्त कर सकते हैं, तो X का मान ज्ञात कीजिए?

A. 90/11
B. 30
C. 42
D. 32/8

Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

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**Q.61** एक निश्चित कूट भाषा में BEND को 7@4# और NIGHT को 4$%89 लिखा जाता है। उसी कूट भाषा में DEBT को किस प्रकार लिखा जाएगा?

A. #@78
B. #@79
C. $@78
D. @$79

Question ID : **2055233058**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

---

**Q.62** लोक सभा की अध्यक्ष सुमित्रा महाजन किस निर्वाचन क्षेत्र का प्रतिनिधित्व करती हैं?

A. अमेठी
B. वाराणसी
C. इंदौर
D. पटना

Question ID : **2055233003**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

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**Q.63** मयंक एक वस्तु की विक्रय कीमत दुगनी कर देता है तो लाभ4 गुना हो जाता है।मूल लाभ प्रतिशत ज्ञात कीजिए (विक्रय कीमत बढ़ाने से पहले) |

A. 50%
B. 100%
C. 125%
D. 25%

Question ID : **2055233054**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

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**Q.64** अंतरिक्ष की सैर करने वाली सर्वप्रथम चीनी महिला कौन थी?

A. वांग यापिंग (Wang Yaping)
B. यी सो-यिओन (Yi So-yeon)
C. लियू यांग (Liu Yang)
D. येलेना सेरोवा (Yelena Serova)

Question ID : **2055233024**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

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**Q.65**

Question ID : **2055233040**
Status : **Answered**
Chosen Option : **4**

सुनीता और शीला की आयु में अन्तर 12 वर्ष है। यदि 9 वर्ष पहले, बड़ी की आयु छोटी की आयु से 4 गुनी थी, तो उनकी वर्तमान आयु क्या है?

A. 11 और 23
B. 15 और 27
C. 13 और 25
D. 23 और 35

Ans
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.66** निम्नलिखित विकल्पों में से उस एक को चुनें जो भिन्न है:

A. आटो रिक्शा
B. कार
C. वैन
D. टैक्सी

Question ID : **2055233068**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. A
✗ 2. D
✗ 3. C
✗ 4. B

**Q.67** Hf चिन्ह के एलीमेंट हैफ्नियम (Hafnium) का नाम निम्नलिखित में से किस स्थान पर दिया गया है?

A. जर्मनी
B. कोपेनहेगन
C. स्वीडन
D. फ्रांस

Question ID : **2055233018**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.68** भारत की स्वतंत्रता के तुरंत बाद गोवा _____ राज्य था|

A. भारतीय
B. पुर्तगाली
C. डच
D. ब्रिटिश

Question ID : **2055232995**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.69** दी गई समरूपता के आधार पर, दिए गए विकल्पों में से मेचिंग युग्म ज्ञात करें।

**27 : 9**

A. 125:5
B. 135:15
C. 64:8
D. 729:81

Question ID : **2055233069**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

**Q.70** यदि $(x^2-4x+1)=0$, तो $(x^3+1/x^3)/(x^2+1/x^2)$ का मान ज्ञात करें।

A. 26/7
B. 13/7
C. 6/7
D. 33/7

Question ID : **2055233029**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.71** उत्तल दर्पण (convex mirror) का प्रयोग किस में किया जाता है?

A. वाहनों में रियरव्यू मिरर
B. शीशे की खिड़कियां
C. मेकअप दर्पण
D. केलीडोस्कोप

Question ID : **2055233008**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Q.72** बर्फ को पिघलाने के लिए निम्नलिखित में से किस का प्रयोग किया जाता है?

A. नमक
B. हाइड्रोजन
C. कॉस्टिक सोडा
D. साइट्रिक एसिड

Question ID : **2055233025**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

**Q.73** एक निश्चित कोड भाषा में LEADER को OBADHO लिखा जाता है। उसी कोड भाषा में STABLE को किस प्रकार लिखा जाएगा?

A. BYDIWV
B. BYIDWV
C. BIYDWV
D. BIDYWV

Question ID : **2055233060**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

**Q.74** दी गई तीन संख्याओं में, दूसरी संख्या पहली की तिगुनी तथा तीसरी की दोगुनी है। यदि तीनों संख्याओं का औसत 77 है, तो दूसरी संख्या का मान ज्ञात कीजिए।

A. 126
B. 145
C. 118
D. 136

Question ID : **2055233041**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

**Q.75**

Question ID : **2055233066**

चार शब्दों में से एक शब्द एक वर्ग (class) है जिससे अन्य तीन सदस्य संबंधित हैं वर्ग-समूह को पहचानें।

A. नीलम
B. माणिक
C. पन्ना
D. रत्न

Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

---

**Q.76** यदि 'Delicious' संबंधित है 'Taste' से, उसी प्रकार 'Melodious' है --- से

A. Speak
B. Highness
C. Voice
D. Tongue

Question ID : **2055233067**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. D
✔ 3. C
✘ 4. A

---

**Q.77** यदि $3^x=4^y=12^{-z}$ है, तो (3/x + 3/y + 3/z) का मान ज्ञात कीजिए।

A. 1
B. 6
C. 4
D. 0

Question ID : **2055233028**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

---

**Q.78** मूलधन की गणना करें, यदि एक धनराशि साधारण ब्याज की दर से 4 वर्ष में 1200 रुपये और 7 वर्ष में 1500 रुपये हो जाती है।

A. रू 800 रुपये
B. रू 600 रुपये
C. रू 900 रुपये
D. रू 1200 रुपये

Question ID : **2055233032**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. C
✘ 3. D
✔ 4. A

---

**Q.79** [1.93 x 19.3 - 2.07 x 20.7 / 19.3 x 20.7] बराबर है:

A. 0.40
B. 4.00
C. 40
D. 0.04

Question ID : **2055233044**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

**Q.80** भारत के सर्वोच्च न्यायालय की स्थापना कब की गई थी?

Question ID : **2055233002**
Status : **Answered**
Chosen Option : **3**

A. 1947
B. 1950
C. 1951
D. 1952

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.81** बांग्लादेश को किस देश से स्वतंत्रता मिली?

Question ID : **2055232992**
Status : **Answered**
Chosen Option : **4**

A. भारत
B. ब्रिटेन
C. पाकिस्तान
D. बर्मा

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.82** नीचे एक अभिकथन (A) और एक कारण (R) दिया गया है।

**अभिकथन (A):** साँस के साथ कार्बन मोनोऑक्साइड जाने पर यह मौत का कारण बनता है।

**कारण (R):** कार्बन मोनोऑक्साइड हीमोग्लोबिन में मिल जाती है।

**सही विकल्प चुनें।**

Question ID : **2055233087**
Status : **Answered**
Chosen Option : **2**

A. A सही है लेकिन R गलत है।
B. A गलत है लेकिन R सही है।
C. A और R दोनों सही हैं और R, A की उचित व्याख्या है।
D. A और R दोनों सही हैं लेकिन R, A की उचित व्याख्या नहीं है।

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.83** दो संख्याओं का HCF 23 है तथा उनका LCM 1035 है। यदि उनमें एक 207 तथा दूसरी X है, तो X/23 ज्ञात कीजिए।

Question ID : **2055233030**
Status : **Answered**
Chosen Option : **3**

A. 15
B. 7
C. 5
D. 9

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.84** पानी का घनत्व क्या है?

Question ID : **2055233009**
Status : **Answered**
Chosen Option : **2**

A. 1000 किलो/घन मीटर
B. 10 किलो/घन मीटर
C. 1 किलो/घन मीटर
D. 100 किलो/घन मीटर

Ans
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

Q.85 देशबंधु (Desh Bandhu) नवयुवक संघ का गठन किसने किया था?

A. लक्ष्मी सहगल (Lakshmi Sahgal)
B. एन. जी. रंगा (N.G.Ranga)
C. कन्नेगन्ति हनुमंतु (Kanneganti Hanumanthu)
D. तिरुपुर कुमरन (Tirupur Kumaran)

Question ID : **2055232996**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

Q.86 निम्नलिखित में से किस साम्राज्य के दौरान चेन्नाकेसवा (Chennakesava) मंदिर का निर्माण किया गया था?

A. होयसल (Hoysal)
B. यादव (Yadavas)
C. चोला (Cholas)
D. पाल (Pala)

Question ID : **2055233006**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

Q.87 दी गई समरूपता के आधार पर, दिए गए विकल्पों में से नहीं दी गई संख्या ज्ञात करें।

**1 : 1 : : 25 : ------**

A. 225
B. 125
C. 625
D. 26

Question ID : **2055233070**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

Q.88 एक स्कूल के 504 छात्रों में लड़कियों और लड़कों का अनुपात 11:13 है। यदि 12 और लड़कियों को प्रवेश दिया जाता है, तो नया अनुपात होगा:

A. 31:51
B. 91:81
C. 81:91
D. 51:31

Question ID : **2055233037**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

Q.89 सौर ऊर्जा द्वारा पूर्ण रूप से संचालित विश्व का सर्वप्रथम हवाईअड्डा कौन सा है?

A. कोचीन अंतर्राष्ट्रीय हवाई अड्डा
B. छत्रपति शिवाजी अंतर्राष्ट्रीय हवाई अड्डा
C. दुबई अंतर्राष्ट्रीय हवाई अड्डा
D. कन्साई अंतर्राष्ट्रीय हवाई अड्डा

Question ID : **2055233001**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C

✗ 2. D

✓ 3. A

✗ 4. B

**Q.90** शरीर का कौन सा अंग, खून के शुद्धीकरण से संबंधित है?

Question ID : **2055233026**
Status : **Answered**
Chosen Option : **3**

A. दिल
B. पित्ताशय
C. गुर्दे
D. स्प्लीन

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.91** 'मेकिंग इंडिया ऑसम' ('Making India awesome') पुस्तिका के लेखक कोन हैं?

Question ID : **2055233004**
Status : **Not Attempted**
Chosen Option : **--**

A. अरुंधती रॉय
B. कैलाश सत्यार्थी
C. सचिन गर्ग
D. चेतन भगत

**Ans**
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Q.92** यदि '+' का अर्थ 'x', 'x' का अर्थ '÷', '÷' का अर्थ '-' और '-' का अर्थ '+' हो तो निम्नलिखित अभिव्यक्ति का मान क्या होगा?

Question ID : **2055233062**
Status : **Answered**
Chosen Option : **2**

**15 + 16 x 16 ÷ 15**

A. 10
B. 5
C. 1
D. 0

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

**Q.93** नेत्रानी द्वीप कहाँ पर स्थित है?

Question ID : **2055232991**
Status : **Not Attempted**
Chosen Option : **--**

A. केरला
B. अंडमान और निकोबार
C. लक्षद्वीप
D. गोवा

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.94**

Question ID : **2055233011**
Status : **Answered**
Chosen Option : **1**

शक्कर के घोल में शक्कर एक _____ है|

A. विलायक (Solvent)
B. घुला हुआ पदार्थ (Solute)
C. कोलॉइड (Colloid)
D. सस्पेंशन (Suspension)

Ans
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

Q.95 $f(x)=2x^2-5x+2$ का सही गुणनखंड चुनें।

Question ID : **2055233027**
Status : **Answered**
Chosen Option : **1**

A. x-2
B. x-3
C. x-4
D. x-5

Ans
✓ 1. A
✗ 2. D
✗ 3. C
✗ 4. B

Q.96 निम्नलिखित में से कौन सा जीव मोलस्क (mollusk) परिवार से संबंधित है?

Question ID : **2055233012**
Status : **Answered**
Chosen Option : **3**

A. कॉकरोच
B. घोंघा
C. केंचुआ
D. स्टार मछली

Ans
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

Q.97 नीचे एक अभिकथन (A) और एक कारण (R) दिया गया है।

**अभिकथन (A):** O रक्त समूह वाले व्यक्ति को यूनिवर्सल प्राप्तकर्ता माना जाता है।

**कारण (R):** O प्रकार के रक्त में कोई ऐन्टिजन (antigens) नहीं होता है।

**सही विकल्प चुनें।**

Question ID : **2055233088**
Status : **Answered**
Chosen Option : **3**

A. A सही है लेकिन R गलत है।
B. A गलत है लेकिन R सही है।
C. A और R दोनों सही हैं और R, A की उचित व्याख्या है।
D. A और R दोनों सही हैं लेकिन R, A की उचित व्याख्या नहीं है।

Ans
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

Q.98

Question ID : **2055233048**
Status : **Answered**
Chosen Option : **2**

यदि एक त्रिभुज के कोणों का अनुपात 2:3:7 है, तो सबसे बड़े कोण और सबसे छोटे कोण के योग का सबसे छोटे कोण से अनुपात ज्ञात कीजिए।

A. 8:1
B. 2:3
C. 9:2
D. 3:5

**Ans**
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

**Q.99** किस भारतीय शहर को 'गुलाबी शहर' (Pink City) भी कहा जाता है?

A. जयपुर
B. जोधपुर
C. जबलपुर
D. शोलापुर

Question ID : **2055232990**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. B
✗ 4. D

**Q.100** अंकित कीमत पर 40% छुट देने पर भी एक जैकेट 20% लाभ पर 600 रुपये में बिका| यदि यह अंकित कीमत पर बेचा जाता है तो प्रतिशत लाभ क्या होगा?

A. 50%
B. 75%
C. 100%
D. 125%

Question ID : **2055233053**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 19th April 2016 Shift 1

| | |
|---|---|
| Roll No: | 00000000000000 |
| Participants Name: | AAAAAAAAAAA |
| Test Center Name: | iON Digital Zone iDZ 2, GT Karnal Road |
| Test Date: | 19/04/2016 |
| Test Time: | 9:00 AM - 10:30 AM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** If **'summer is hot'** is coded as **'de fe ba'** and **'come cold summer'** as **'ja ha ba'** and **'winter is cold'** as **'pa ja de'** then **'come hot winter'** is coded as _____.

A. de ba ja
B. fe ba pa
C. ba pa ha
D. pa ha fe

Question ID : **2055233162**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.2** What is the minimum number to be subtracted from 6321, which makes it completely divisible by 14?

A. 8
B. 12
C. 7
D. 11

Question ID : **2055233147**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.3** Jahangir was the _____ Mughal emperor of India.

A. 3rd
B. 4th
C. 5th
D. 6th

Question ID : **2055233096**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C

✗ 4. D

**Q.4** If P means '÷', R means '×', Q means '+' and S means '–', then **48 P 8 Q 6 R 9 S 31 =?**

A. 60
B. 29
C. 31
D. 54

Question ID : **2055233165**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.5** _____ granted charter to East India Company to establish trading posts in India in 1600.

A. Queen Elizabeth I
B. Queen Elizabeth II
C. King George V
D. King George VI

Question ID : **2055233097**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. D
✗ 4. C

**Q.6** Ramdas invested Rs. 90000 in a cosmetic business. After few months, Shyamdas joined him with Rs. 30000. At the end of the year, the total profit was divided between them in ratio 4 : 1. After how many months did Shyamdas joined business?

A. 4
B. 3
C. 1
D. 6

Question ID : **2055233145**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.7** Methane is known as _____.

A. Laughing gas
B. Tear gas
C. Marsh gas
D. Non-greenhouse gas

Question ID : **2055233115**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.8** Hawa Mahal in Jaipur is constructed using

A. White and green marble
B. Granite
C. Red and Pink sandstone
D. Normal rocks

Question ID : **2055233109**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

**Q.9** If the angles of a triangle are in the ratio of 1:2:3, then find the value of the largest angle.

A. 30°
B. 60°
C. 90°
D. 120°

Question ID : **2055233151**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.10** **Read the given statements carefully and answer the question.**
**Statement:** Though the school bags policy has been announced, it is not clear how many schools are following it. The state Government is also clueless whether schools have implemented the rules.
Which of the following is true according to the given statement?

A. School bags policy has been implemented by the Government.
B. Schools are not interested in following the rules.
C. There is no monitoring system.
D. State Government is not interested in follow-up.

Question ID : **2055233190**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

**Q.11** The concept of the game of _____ is eliminating an opponent by touching.

A. Kho Kho
B. Kabaddi
C. Judo
D. Kalari

Question ID : **2055233102**
Status : **Answered**
Chosen Option : **3**

**Ans** 1. D
2. C
3. B
4. A

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.12** The mean of 22 observations is 10. Two more observations are included and the new mean becomes 11. The mean of two new observations is

A. 19
B. 20
C. 21
D. 22

Question ID : **2055233153**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. A
3. C
4. D

**Q.13** An angle is 10° more than one third of its complement. Find the greater angle.

A. 30°
B. 60°
C. 45°
D. 75°

Question ID : **2055233149**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. C
3. D
4. A

**Q.14** Neelam and Manisha starting from the same place run at a rate of 7 kmph and 9 kmph respectively. What time will they take to be 12 km apart, If they walk in the same direction?

A. 3 hours
B. 6 hours
C. 12 hours
D. 9 hours

Question ID : **2055233159**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. A
3. D
4. C

**Q.15** Delhi metro covers a distance in 40 minutes, if it runs at a speed of 48 kmph on an average. Find the speed at which the train must run to reduce the time of journey to 32 minutes:

A. 60kmph
B. 50kmph
C. 70kmph
D. 80kmph

Question ID : **2055233158**
Status : **Answered**
Chosen Option : **2**

Ans
1. B
2. A
3. C
4. D

**Q.16** The mean of a distribution is 13 and the standard deviation is 7. What is the value of the coefficient variation?

A. 50%
B. 76.77%
C. 53.85%
D. 38.88%

Question ID : **2055233152**
Status : **Answered**
Chosen Option : **3**

Ans
1. A
2. D
3. C
4. B

**Q.17** A car stops on applying brakes mainly due to _____ force.

Question ID : **2055233111**
Status : **Answered**
Chosen Option : **1**

A. Gravitational
B. Centripetal
C. Frictional
D. Centrifugal

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

---

**Q.18** Statements followed by some conclusions are given below.

**Statements:**

1. Knowledge is not a skill. It is learning and experience.
2. The illiterate are not those who cannot read and write but those who cannot learn.

**Conclusions:**

I. Those who cannot read and write are literate.
II. Knowledge and skill are two different things.

**Find which of the given conclusions logically follows from the given statements.**

Question ID : **2055233180**
Status : **Answered**
Chosen Option : **3**

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

**Ans**
✘ 1. A
✘ 2. C
✔ 3. B
✘ 4. D

---

**Q.19** Statements followed by some conclusions are given below.

**Statements:**

1. Depleting natural resources is a major concern in our country.
2. Unless we go for renewable energy sources in a big way, increase in population being a heavy burden on the energy resources, will reduce the quality of life.

**Conclusions:**

I. Depleting resources impacts quality of life.
II. Use of renewable energy sources is a solution to counter increase in population.

**Find which of the given conclusions logically follows from the given statements.**

Question ID : **2055233179**
Status : **Answered**
Chosen Option : **1**

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

**Ans**
✘ 1. A
✘ 2. D
✔ 3. C
✘ 4. B

---

**Q.20** Quartz used in clocks is _____.

Question ID : **2055233117**
Status : **Answered**
Chosen Option : **4**

A. Nitrogen silicate
B. Silicon dioxide
C. Sodium silicate
D. Calcium silicate

Ans
1. C
2. B
3. D
4. A

Q.21 The head of the state in India is the _____.

A. Prime Minister
B. President
C. Parliament
D. Chief Justice of India

Question ID : **2055233105**
Status : **Answered**
Chosen Option : **3**

Ans
1. D
2. A
3. C
4. B

Q.22 Name the type of government in Bangladesh.

A. Islamic Republic
B. Parliamentary Democracy
C. Federal Republic
D. Constitutional Monarchy

Question ID : **2055233095**
Status : **Answered**
Chosen Option : **1**

Ans
1. C
2. D
3. B
4. A

Q.23 Which pair is not exactly similar to the other three pairs?

A. Principal : School
B. Pages : Note book
C. Letters : Word
D. Students : Class

Question ID : **2055233171**
Status : **Answered**
Chosen Option : **1**

Ans
1. C
2. A
3. D
4. B

Q.24 Which Indian state shares its borders with the maximum number of other Indian states?

A. Manipur
B. West Bengal
C. Assam
D. Uttarakhand

Question ID : **2055233094**
Status : **Answered**
Chosen Option : **3**

Ans
1. D
2. B
3. C
4. A

**Q.25** _____ does not refer to the game of playing card.

A. Bridge
B. Blackjack
C. Squash
D. Solitaire

Question ID : **2055233100**
Status : **Answered**
Chosen Option : **4**

Ans
1. D
2. B
3. C
4. A

**Q.26** _____ was appointed as one of the Goodwill Ambassadors by UNDP in March 2016.

A. Ashley Judd
B. Michelle Yeoh
C. Merrick Garland
D. Hillary Clinton

Question ID : **2055233108**
Status : **Answered**
Chosen Option : **3**

Ans
1. A
2. D
3. C
4. B

**Q.27** _____ is the process of absorption of moisture from air.

A. Deliquescence
B. Capillary action
C. Absorption
D. Osmosis

Question ID : **2055233118**
Status : **Answered**
Chosen Option : **4**

Ans
1. C
2. B
3. A
4. D

**Q.28** The process of optimizing fat content in milk is called _____.

A. Vitamin fortification
B. Pasteurization
C. Standardization
D. Homogenization

Question ID : **2055233120**
Status : **Answered**
Chosen Option : **4**

Ans
1. A
2. D
3. C

✗ 4. B

Q.29 **Bird : Wings : : Fish : ?**

Question ID : **2055233169**
Status : **Answered**
Chosen Option : **1**

A. Gills
B. Head
C. Fins
D. Legs

Ans
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

Q.30 **An assertion (A) and a reason (R) are given below.**
**Assertion (A)**: Perennial rivers mostly originate from the Himalayas.
**Reason (R)**: The fountains in the Himalayas feed the rivers.
**Choose the correct option.**

Question ID : **2055233191**
Status : **Answered**
Chosen Option : **3**

A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true

Ans
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

Q.31 Find the missing (?) in the series -
**3, 7, 13, 21, 31, ?**

Question ID : **2055233167**
Status : **Answered**
Chosen Option : **3**

A. 41
B. 42
C. 43
D. 44

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

Q.32 Which state has the second highest number of seats in the Lok Sabha?

Question ID : **2055233106**
Status : **Answered**
Chosen Option : **2**

A. Uttar Pradesh
B. Andhra Pradesh
C. West Bengal
D. Bihar

Ans
1. C
2. B
3. D
4. A

Q.33 If **TABLE = RYZJC**, then **CHAIR = _____**.

A. AFZHQ
B. AFYGP
C. FAGYP
D. ZFAHQ

Question ID : **2055233163**
Status : **Answered**
Chosen Option : **2**

Ans
1. A
2. B
3. C
4. D

Q.34 Find the odd pair out.

A. Nitrogen & oxygen : Air
B. Sulphur & Phosphorous : Match stick
C. Hydrogen & Oxygen : Water
D. Magnesium & Silver : Stainless steel

Question ID : **2055233113**
Status : **Answered**
Chosen Option : **3**

Ans
1. C
2. B
3. D
4. A

Q.35 _____ was the first Geographical Indication (GI) tagged product in India.

A. Darjeeling Tea
B. Solapuri Chaddar
C. Nagpur Orange
D. Orissa Ikat

Question ID : **2055233093**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans
1. D
2. A
3. C
4. B

Q.36 Freezing point of water is _____.

A. 40° F
B. 42° F
C. 34° F
D. 32° F

Question ID : **2055233129**
Status : **Answered**
Chosen Option : **1**

Ans
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

Q.37 **ADGJ, CFIL, EHKN, _____.**

A. FILO
B. HKNQ
C. DGJM
D. GJMP

Question ID : **2055233166**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

Q.38 If the rate of interest is 8% per annum and Rs. 10000 lent at the compound interest half yearly then calculate the equivalent simple rate of interest for the first year?

A. 8.16%
B. 9%
C. 7%
D. 10%

Question ID : **2055233135**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

Q.39 '.docx' file is created with

A. Spreadsheet
B. Powerpoint
C. Word processor
D. Paint

Question ID : **2055233122**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.40** Evaluate (35/2)% of 800gm – (45/2)% of 400gm

A. 50 gm
B. 150 gm
C. 100 gm
D. 80 gm

Question ID : **2055233143**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

---

**Q.41** 12 men finished 1/4 part of whole work in 6 days. Find the number of additional men required to complete the job in next 6 days.

A. 36
B. 12
C. 18
D. 24

Question ID : **2055233138**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

---

**Q.42** B is the brother of C. D is the sister of B. F is the sister of E who is the son of C. K is the husband of C. How is D related to F?

A. Maternal Aunt
B. Mother
C. Sister
D. Niece

Question ID : **2055233174**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

---

**Q.43** _____ does not belong to the twelve zodiac signs.

A. Ophiuchus
B. Aquarius
C. Libra
D. Pisces

Question ID : **2055233125**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. C
✗ 4. B

---

**Q.44** Rearrange the jumbled letters to make meaningful words and then select the one which is different.

A. ENIMSAJ
B. DLOGIRAM
C. TORRAC
D. REWOLFNUS

Question ID : **2055233181**
Status : **Answered**
Chosen Option : **1**

Ans
1. A
2. B
3. D
4. C

**Q.45** Taxonomy is basically related to _____.

A. Biodiversity
B. Tax structure
C. A branch of astronomy
D. Study of human behaviour

Question ID : **2055233116**
Status : **Answered**
Chosen Option : **1**

Ans
1. D
2. B
3. A
4. C

**Q.46** Ramesh purchased a memory card at a price of Rs. 625 including the sales tax. The rate of sales tax is 25%. If the seller has made a gain of 50%, then the cost price of the memory card is :

A. Rs. 333
B. Rs. 310
C. Rs. 350
D. Rs. 360

Question ID : **2055233155**
Status : **Answered**
Chosen Option : **3**

Ans
1. D
2. C
3. B
4. A

**Q.47** The shadow of a standing tower of height $25\sqrt{3}$ m is found to be 50 m longer when the sun's elevation changes from 60° to X°. Find the measure of X?

A. 45°
B. 30°
C. 75°
D. 90°

Question ID : **2055233142**
Status : **Answered**
Chosen Option : **2**

Ans
1. D
2. B
3. C
4. A

**Q.48** 30 persons can finish a job in 20 days. After 6 days how many persons should leave the job, so that work is completed in a total of 26 days?

A. 9
B. 12
C. 8
D. 7

Question ID : **2055233137**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. D
3. C
4. A

**Q.49** An investor invested 1/2 of his capital at 5%, 1/4 at 10% and rest at 8%. If his income after 2 years is Rs. 2800, find the capital amount.

A. Rs. 10000
B. Rs. 15000
C. Rs. 20000
D. Rs. 12000

Question ID : **2055233136**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

**Q.50** The distance between the two poles of length 16 m and 9 m, is X m. If two angles of elevation of their respective top from the bottom of the other are complementary to each other then the value X is :

A. 10m
B. 15m
C. 16m
D. 12m

Question ID : **2055233141**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✔ 1. D
✘ 2. A
✘ 3. B
✘ 4. C

**Q.51** _____ is not a constituent of tooth paste.

A. Abrasive
B. Fluoride
C. Lubricant
D. Surfactant

Question ID : **2055233114**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. A
✔ 3. C
✘ 4. D

**Comprehension:**

**Consider the following information and answer questions based on it.**

Suresh is taller than Ramesh who is shorter than Rakesh. Jinesh is taller than the shortest person but shorter than Rakesh. Pritesh is taller than Suresh but shorter than Jinesh.

**SubQuestion No : 52**

**Q.52** Who is the shortest?

A. Rakesh
B. Ramesh
C. Pritesh
D. Suresh

Question ID : **2055233176**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✔ 2. B
✘ 3. A

✗ 4. C

**Comprehension:**

**Consider the following information and answer questions based on it.**

Suresh is taller than Ramesh who is shorter than Rakesh. Jinesh is taller than the shortest person but shorter than Rakesh. Pritesh is taller than Suresh but shorter than Jinesh.

**SubQuestion No : 53**

**Q.53** If Jayesh who is taller than Suresh joins the group, who will be fourth, if they are arranged in a descending order?

A. Jayesh
B. Jinesh
C. Pritesh
D. Cannot be determined

Question ID : **2055233177**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

**Comprehension:**

**Consider the following information and answer questions based on it.**

Suresh is taller than Ramesh who is shorter than Rakesh. Jinesh is taller than the shortest person but shorter than Rakesh. Pritesh is taller than Suresh but shorter than Jinesh.

**SubQuestion No : 54**

**Q.54** Which statement, among the following, is correct?

A. Suresh is taller than Jinesh.
B. Pritesh is shorter than Rakesh
C. Jinesh is taller than Rakesh.
D. Ramesh is taller than Pritesh.

Question ID : **2055233178**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Q.55** If **VOTER = 41352**, **HEATER = 743654**, **TEASER = 645834**, which number represents S?

A. 1
B. 5
C. 8
D. 7

Question ID : **2055233160**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.56** Pointing to a man, a woman said "he is the brother of the daughter of my husband's wife". What is the woman to the man?

A. Son
B. Mother
C. Father
D. Sister

Question ID : **2055233172**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D

2. C

3. A

4. B

**Q.57** Triangle PQR is such that PR=7.5 cm and triangle PQR is similar to triangle XYZ. If XY=18 and YZ=12 cm then find the ratio of PQ:QR

A. 1:2
B. 3:2
C. 4:5
D. 5:2

Question ID : **2055233150**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. A
2. D
3. C
4. B

**Q.58** The planet Pluto was discovered in the year…

A. 1925
B. 1930
C. 1935
D. 1940

Question ID : **2055233126**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. C
2. B
3. D
4. A

**Q.59** Two numbers are in the ratio 3:5. If each number is increased by 10, the ratio becomes 5:7. The smaller number is :

A. 8
B. 12
C. 15
D. 18

Question ID : **2055233139**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. D
2. A
3. B
4. C

**Q.60** In 1955, _____ was renamed as State Bank of India.

A. Bank of Bengal
B. Bank of Bombay
C. Bank of Madras
D. Imperial Bank of India

Question ID : **2055233091**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. C
2. B
3. D
4. A

**Q.61** Two vessels contain milk and water in the ratio 2:3 and 7:3. Find the ratio in which the contents of the two vessels have to be mixed so that the ratio of milk and water in the new mixture is equal.

A. 2:1
B. 1:2
C. 3:2
D. 2:3

Question ID : **2055233140**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

**Q.62** Find the value of 335 * 335 - 165 * 165?

A. 20000
B. 85000
C. 85500
D. 27500

Question ID : **2055233146**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

**Q.63** Which one is not generally used as a fruit?

A. Strawberry
B. Grapes
C. Pear
D. Tomato

Question ID : **2055233170**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

**Q.64** 'Make in India Week' was launched in _____ from 13th to 18th February 2016.

A. Bhubaneswar
B. Udaipur
C. Mysuru
D. Mumbai

Question ID : **2055233092**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. B
✔ 4. D

Q.65 If **Chennai : Tamil Nadu**, then _____ **: Jharkhand**

Question ID : **2055233168**
Status : **Answered**
Chosen Option : **4**

A. Raipur
B. Ranchi
C. Dhanbad
D. Durgapur

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

Q.66 **Read the given statements carefully and answer the question.**

Question ID : **2055233192**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Most people get their own cars to office. The number of vehicles on road is increasing day by day. It leads to traffic congestion and adds to the ever-increasing air pollution issues. As a result, respiratory problems are on a rise. People should, as far as possible, take public transport or do carpooling.

**Which of the following situations better fits the above statement?**

A. People are becoming rich day by day and hence buying more cars.
B. People can go to the shopping malls in cars but not to office.
C. Respiratory problems doesn't affect the people who use public transport.
D. More number of vehicles on road leads to traffic congestion.

Ans
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

Q.67 The famous forbidden city is in _____.

Question ID : **2055233110**
Status : **Answered**
Chosen Option : **1**

A. France
B. Italy
C. China
D. USA

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

Q.68 Rate of heat conduction in solids does not depend on _____.

Question ID : **2055233112**
Status : **Answered**
Chosen Option : **4**

A. Density of the material
B. Dimensions of the material
C. Friction
D. Electronic configuration

Ans
✗ 1. A

✔ 2. C

✘ 3. D

✘ 4. B

**Q.69** As per tiger census of 2014, tiger population in India was estimated at _____.

A. 1411

B. 1706

C. 2226

D. 1906

Question ID : **2055233103**

Status : **Answered**

Chosen Option : **2**

**Ans**

✔ 1. C

✘ 2. B

✘ 3. D

✘ 4. A

**Q.70** _____ was the theme for World Wetland Day in 2016.

A. Sustainable Livelihoods

B. Wetlands take care of water

C. Wetlands for our future

D. Wetlands and Agriculture

Question ID : **2055233104**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

**Ans**

✘ 1. C

✔ 2. A

✘ 3. B

✘ 4. D

**Q.71** L is K's sister. M is the father of K. N and O are brothers. L is the mother of O. How is K related to N?

A. Maternal Uncle

B. Brother

C. Nephew

D. Cannot be determined

Question ID : **2055233173**

Status : **Answered**

Chosen Option : **1**

**Ans**

✘ 1. B

✔ 2. C

✘ 3. D

✘ 4. A

**Q.72** _____ is used in refrigeration.

A. Chlorofluorocarbon

B. Carbon dioxide

C. Nitrogen peroxide

D. Ammonium oxide

Question ID : **2055233119**

Status : **Answered**

Chosen Option : **4**

**Ans**

✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

**Q.73** If $(x^2+1/x^2)=6$, then find the value of $(10x-10/x)$

Question ID : **2055233130**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. +/- 15
B. +/- 20
C. +/- 30
D. +/- 40

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.74** Halley's comet is expected to return to the vicinity of earth in the year…

Question ID : **2055233127**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. 2086
B. 2061
C. 2041
D. 2026

**Ans**
✘ 1. D
✔ 2. B
✘ 3. A
✘ 4. C

**Q.75** Asymmetric Digital Subscriber Line (ADSL) is _____ technology.

Question ID : **2055233128**
Status : **Answered**
Chosen Option : **4**

A. a wireless data communication
B. a wired data communication
C. amateur radio communication
D. satellite communication

**Ans**
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

**Q.76** Who was appointed as the Defense Minister when the 16th Lok Sabha was formed in 2014?

Question ID : **2055233107**
Status : **Answered**
Chosen Option : **4**

A. Venkaiah Naidu
B. Ravi Shankar Prasad
C. Manohar Parikkar
D. Suresh Prabhu

**Ans**
✘ 1. D
✔ 2. C
✘ 3. B
✘ 4. A

**Q.77** If '÷' means '+', '+' means '÷', and '–' means '×', then **25 ÷ 25 + 5 ÷ 2 – 15 =?**

Question ID : **2055233164**
Status : **Answered**
Chosen Option : **4**

A. 0
B. –12
C. 60
D. 45

Ans
1. A
2. D
3. B
4. C

**Q.78** If **SMART** = **31524**, **MARBLE** = **428376** and **EAT** = **537**, then **STABLE** =?

A. 618537
B. 253678
C. 453678
D. 243678

Question ID : **2055233161**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans
1. C
2. B
3. D
4. A

**Q.79** Choose the odd one out

A. Optical disc
B. Magnetic Storage
C. Solid State Drive
D. Petabyte

Question ID : **2055233124**
Status : **Answered**
Chosen Option : **4**

Ans
1. C
2. A
3. B
4. D

**Q.80** Which one is not true with 'backup'?

A. Exact copy of computer files.
B. It is part of business continuity plan.
C. PCs do not require regular back up.
D. Offsite and on-site backup are more beneficial.

Question ID : **2055233123**
Status : **Answered**
Chosen Option : **4**

Ans
1. A
2. B
3. C
4. D

**Q.81** If the standard deviation of a population is 9.5, what would be the population variance?

A. 19
B. 90.25
C. 81.25
D. 93.25

Question ID : **2055233154**
Status : **Answered**
Chosen Option : **3**

Ans
1. B
2. C

3. A

4. D

**Q.82** Find the largest 6 digit number which is completely divided by 71?

A. 999965

B. 999954

C. 999964

D. 999974

Question ID : **2055233148**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. B
2. A
3. D
4. C

**Q.83** The first, all women two wheeler public transportation service in India was started in

A. Gurgaon

B. Noida

C. Chennai

D. Bengaluru

Question ID : **2055233090**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. C
2. B
3. D
4. A

**Q.84** If $(a-1/a) = 3/4$, Find the value of $(a^3-1/a^3)$.

A. 164/31

B. 171/64

C. 171/32

D. 164/37

Question ID : **2055233132**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. D
2. B
3. C
4. A

**Q.85** Find the greatest number which on dividing 3050 and 5200 leaves remainders 7 and 9 respectively.

A. 149

B. 111

C. 153

D. 179

Question ID : **2055233133**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
1. A
2. D
3. B
4. C

**Comprehension:**

The following table represents the human resource profile of a global company.

**Consider the table and answer questions based on it.**

| Country | No. of offices | Male | | Female | | Total |
|---|---|---|---|---|---|---|
| | | Class I | Class II | Class I | Class II | |
| US | 20 | 150 | 50 | 70 | 35 | 305 |
| UK | 15 | 115 | 40 | 65 | 20 | 240 |
| India | 10 | 125 | 25 | 45 | 90 | 285 |
| Canada | 10 | 80 | 30 | 50 | 10 | 170 |

**SubQuestion No : 86**

**Q.86** The percentage of male employees in India to the total number of employees of the company is

A. 11%

B. 15.5%

C. 15%

D. 20%

Question ID : **2055233189**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

**Ans**

✗ 1. A

✗ 2. B

✗ 3. D

✓ 4. C

**Comprehension:**

The following table represents the human resource profile of a global company.

**Consider the table and answer questions based on it.**

| Country | No. of offices | Male | | Female | | Total |
|---|---|---|---|---|---|---|
| | | Class I | Class II | Class I | Class II | |
| US | 20 | 150 | 50 | 70 | 35 | 305 |
| UK | 15 | 115 | 40 | 65 | 20 | 240 |
| India | 10 | 125 | 25 | 45 | 90 | 285 |
| Canada | 10 | 80 | 30 | 50 | 10 | 170 |

**SubQuestion No : 87**

**Q.87** Total number of employees in the company is

A. 950

B. 960

C. 995

D. 1000

Question ID : **2055233187**

Status : **Answered**

Chosen Option : **1**

**Ans**

✗ 1. C

✗ 2. A

✓ 3. D

✗ 4. B

**Comprehension:**

The following table represents the human resource profile of a global company.

**Consider the table and answer questions based on it.**

| Country | No. of offices | Male | | Female | | Total |
|---|---|---|---|---|---|---|
| | | Class I | Class II | Class I | Class II | |
| US | 20 | 150 | 50 | 70 | 35 | 305 |
| UK | 15 | 115 | 40 | 65 | 20 | 240 |
| India | 10 | 125 | 25 | 45 | 90 | 285 |
| Canada | 10 | 80 | 30 | 50 | 10 | 170 |

**SubQuestion No : 88**

**Q.88** The ratio of female employees of US to Canada is

A. 4 : 7

B. 7 : 4

C. 21 : 17

D. 21 : 29

Question ID : **2055233188**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.89** The period of Dominion of India refers to

A. Pre-partition day

B. Pre-Independence day

C. Post Republic day

D. Independence day to Republic day

Question ID : **2055233099**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✘ 1. A
✘ 2. B
✔ 3. D
✘ 4. C

**Q.90** Who won the man of the match award in the 2016 Asia Cup T20 held in Bangladesh?

A. Bhuvaneshwar Kumar
B. Virat Kohli
C. Shikhar Dhawan
D. R Ashwin

Question ID : **2055233101**
Status : **Answered**
Chosen Option : **2**

**Ans** 1. D
2. B
3. A
4. C

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.91** What is the average of first 25 multiples of 11?

A. 152
B. 147
C. 143
D. 134

Question ID : **2055233144**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.92** If 2x(x+y+z) = 250, 2y(x+y+z) = 100, 2z(x+y+z) = 100, then find the value of (3x+6y+15z).

A. 110
B. 95
C. 85
D. 69

Question ID : **2055233131**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.93** Kakori train robbery took place in the year

A. 1923
B. 1924
C. 1925
D. 1926

Question ID : **2055233098**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.94** By selling an article for Rs. 979, a shopkeeper bears a loss of 11%. If shopkeeper sells that article for Rs. 1232, then the profit % is :

A. 12%
B. 21%
C. 11%
D. 14%

Question ID : **2055233157**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

**Q.95** The HCF and LCM of two numbers are 45 and 270 respectively. If the ratio of the two numbers is 2:3 and smaller of the two numbers is X, then find $X^2$.

A. 2025
B. 4225
C. 8100
D. 18225

Question ID : **2055233134**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

Q.96 Inflammation of the mucous membrane is called _____.

Question ID : **2055233121**
Status : **Answered**
Chosen Option : **1**

A. Bronchitis
B. Hepatitis
C. Iritis
D. Gastritis

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Comprehension:

**Consider the following information and answer the questions based on it.**

Out of 200 kids, 20 wanted to see only the galaxy, 25 wanted to see only stars, 30 wanted to see only planets, 50 wanted to see stars, planets and moon, 25 wanted to see both moon and galaxy, 25 wanted to see only moon and the remaining did not want to see anything.

**SubQuestion No : 97**

Q.97 In all, how many kids did not want to see the galaxy?

Question ID : **2055233185**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. 130
B. 100
C. 155
D. 125

Ans
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

Comprehension:

**Consider the following information and answer the questions based on it.**

Out of 200 kids, 20 wanted to see only the galaxy, 25 wanted to see only stars, 30 wanted to see only planets, 50 wanted to see stars, planets and moon, 25 wanted to see both moon and galaxy, 25 wanted to see only moon and the remaining did not want to see anything.

**SubQuestion No : 98**

Q.98 In all, how many kids wanted to see the moon?

A. 50

B. 75

C. 100

D. 120

Question ID : **2055233183**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Ans
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Comprehension:**

**Consider the following information and answer the questions based on it.**

Out of 200 kids, 20 wanted to see only the galaxy, 25 wanted to see only stars, 30 wanted to see only planets, 50 wanted to see stars, planets and moon, 25 wanted to see both moon and galaxy, 25 wanted to see only moon and the remaining did not want to see anything.

**SubQuestion No : 99**

Q.99 How many kids wanted to see at least 2 objects?

A. 50

B. 25

C. 75

D. 55

Question ID : **2055233184**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Ans
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

Q.100 Manish purchased mobile phone and got 50% concession on the marked price of the phone and sold it for Rs. 8100 with 35% profit on the price he bought. What was the marked price?

A. Rs. 8000
B. Rs. 12000
C. Rs. 10000
D. Rs. 9000

Question ID : **2055233156**

Status : **Answered**

Chosen Option : **1**

Ans
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 19th April 2016 Shift 2

| | |
|---|---|
| Roll No: | 000000000000000 |
| Participants Name: | AAAAAAAAAAA |
| Test Center Name: | R Infoline |
| Test Date: | 19/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** If **'how are you'** is written as **'ne ki se'** and **'where are you'** as **'ne bl se'** and **'you were here'** as **'ke ne jo'**, then **'how you here'** is written as

A. ke ki ne
B. se ne ki
C. ne bl ke
D. bl se ne

Question ID : **9888372545**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.2** _____ is not a type of heat transfer.

A. Diffusion
B. Reflection
C. Convection
D. Radiation

Question ID : **9888372494**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.3** International Women's day is celebrated on ___ March every year.

A. 6th
B. 7th
C. 8th
D. 9th

Question ID : **9888372473**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.4** Replace # sign with the mathematical operators '+', '÷' , '–' or '=' to get a balanced equation out of **186 # 31 # 36 # 30**.

A. + ÷ =
B. – = +
C. – + ÷
D. ÷ = –

Question ID : **9888372547**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. C
✘ 4. A

**Q.5** Triangle PQR is such that PQ=9 cm, QR=6 cm, PR=7.5 cm and triangle PQR is similar to triangle XYZ. If XY=18 cm, find the value of YZ.

A. 15 cm
B. 18 cm
C. 12 cm
D. 9 cm

Question ID : **9888372533**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. A
✔ 2. C
✘ 3. B
✘ 4. D

**Q.6** _____ is used as a stabilizer in ice cream.

A. Gelatin
B. Sugar
C. Milk
D. Strawberry

Question ID : **9888372502**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. C
✘ 2. B
✘ 3. D
✔ 4. A

**Q.7** The major ingredient of sweetened soft drink is

A. Carbonated water
B. Hydrochloric acid
C. Phosphoric acid
D. Caffeine

Question ID : **9888372496**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. B
✘ 3. D
✔ 4. A

**Q.8** Rs. 10000 is being compounded at 20% per annum. Calculate the amount after 2 years if rate of interest is charged half yearly.

A. Rs. 10041
B. Rs. 14641
C. Rs. 12000
D. Rs. 13660

Question ID : **9888372518**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. D
✘ 3. A
✔ 4. B

**Q.9** Pakistani film industry is known as _____ .

A. Pollywood
B. Lollywood
C. Kollywood
D. Mollywood

Question ID : **9888372478**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.10** The mean of a distribution is 18 and the standard deviation is 4.5. What is the value of the coefficient of variation?

A. 50%
B. 25%
C. 100%
D. 75%

Question ID : **9888372535**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.11** If $a^3+b^3+c^3-3abc=0$, then find the value of $(a^2/bc + b^2/ac - 3)$.

A. $-c^2/ab$
B. $-c^2/bc$
C. $-c^3/ba$
D. $-c/a$

Question ID : **9888372514**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.12** Pointing to a woman, I said that her brother's only son is the brother of my wife. How is the woman related to me?

A. Father-in-law's sister
B. Mother-in-law
C. Sister-in-law
D. Sister

Question ID : **9888372555**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Q.13** Which of the following states does not share a border with Myanmar?

A. Assam
B. Mizoram
C. Nagaland
D. Manipur

Question ID : **9888372476**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B

✗ 4. C

**Q.14** Geographical Indication (GI) is related to _____ having unique geographic origin and evolution over centuries.

A. Hills
B. Mountain ranges
C. Plains
D. Products

Question ID : **9888372477**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.15** In March 2016 Election Commission of India declared assembly elections in ___ states scheduled for April – May 2016.

A. 3
B. 7
C. 5
D. 6

Question ID : **9888372488**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.16** 10 persons can do a job in X days. If 20 persons with twice the efficiency can do the same job in 5 days, then find the value of X?

A. 40
B. 15
C. 20
D. 30

Question ID : **9888372520**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.17** P can do a piece of work in 60 days & Q can do the same work in 50 days. Find the ratio of working efficiencies of P to Q.

A. 1/3
B. 6/5
C. 5/6
D. 4/5

Question ID : **9888372521**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.18** A kite is flying at a height of 50m. If the length of string is 100m then the inclination of string to the horizontal ground in degree measures is:

A. 90
B. 45
C. 60
D. 30

Question ID : **9888372524**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

**Q.19** Retinol is mainly related to _____.

A. Vitamin A
B. Vitamin B
C. Vitamin D
D. Vitamin E

Question ID : **9888372499**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.20** A lady said that father of Rahul's father is my father. How is the lady related to Rahul?

A. Mother
B. Paternal aunt
C. Sister
D. Niece

Question ID : **9888372557**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

**Q.21** Bollywood actor _____ has been selected for the 47th Dadasaheb Phalke Award for 2015.

A. Dilip Kumar
B. Manoj Kumar
C. Rajinikanth
D. Anupam Kher

Question ID : **9888372491**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.22** **Read the given statement carefully and answer the question.**

A group of people getting together casually without prior planning and in a relaxed manner is called informal gathering.

**Which of the following situations better fits the above statement?**

A. A group celebrates every month on salary day.
B. Invitees gather on the occasion of wedding reception.
C. Soon after the release of mark list, top 10 rankers gather to greet each other.
D. People gather to witness beating retreat at Wagah border in Amritsar.

Question ID : **9888372575**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

**Q.23** Sleep apnea is related to_____ while sleeping.

A. Walking
B. Talking
C. Snoring
D. Smiling

Question ID : **9888372504**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D

✗ 4. B

Q.24 Boiling point of water is _____.

A. 210°F
B. 212°F
C. 214°F
D. 208°F

Question ID : **9888372511**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

Q.25 **Circumvent : Bypass : : Comprehensible : _____**

A. Understandable
B. Unclear
C. Grasping
D. Apprehend

Question ID : **9888372552**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

Q.26 Find the sum of first 8 odd prime numbers.

A. 77
B. 98
C. 75
D. 100

Question ID : **9888372531**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

Q.27 If a=2b/3 , b=2c/3, and c=2d/3 , then find the ratio of b and d :

A. 8/9
B. 4/9
C. 4/3
D. 5/27

Question ID : **9888372522**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

Q.28 Windows 10 is

A. an utility software.
B. a browser.
C. an application software.
D. an operating system.

Question ID : **9888372507**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

Q.29 One of the techniques used for desalination of sea water is

A. Filtration
B. Distillation
C. Evaporation
D. Condensation

Question ID : **9888372501**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Comprehension:**

The following table represents the number of fans of stars MSD, VK, RD and SR in different areas of a town. Consider the information and answer the following questions based on it.

| | Area 1 | Area 2 | Area 3 | Area 4 |
|---|---|---|---|---|
| VK | 2500 | 1700 | 2300 | 5000 |
| MSD | 3000 | 3000 | 4000 | 3100 |
| RD | 1500 | 3500 | 4500 | 5200 |
| SR | 1500 | 4000 | 3500 | 2500 |

**SubQuestion No : 30**

Q.30 What is the difference between the numbers of fans of Area 2 to that of Area 3?

A. Area 2 has 2200 more fans
B. Area 2 has 2100 less fans
C. Area 2 has 2100 more fans
D. Area 2 has 2200 less fans

Question ID : **9888372571**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Comprehension:**

The following table represents the number of fans of stars MSD, VK, RD and SR in different areas of a town. Consider the information and answer the following questions based on it.

| | Area 1 | Area 2 | Area 3 | Area 4 |
|---|---|---|---|---|
| VK | 2500 | 1700 | 2300 | 5000 |
| MSD | 3000 | 3000 | 4000 | 3100 |
| RD | 1500 | 3500 | 4500 | 5200 |
| SR | 1500 | 4000 | 3500 | 2500 |

SubQuestion No : 31

Q.31 What is the difference between the total number of fans of SR and MSD?

A. 1500
B. 1600
C. 3000
D. 3200

Question ID : **9888372570**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

Comprehension:

The following table represents the number of fans of stars MSD, VK, RD and SR in different areas of a town. Consider the information and answer the following questions based on it.

| | Area 1 | Area 2 | Area 3 | Area 4 |
|---|---|---|---|---|
| VK | 2500 | 1700 | 2300 | 5000 |
| MSD | 3000 | 3000 | 4000 | 3100 |
| RD | 1500 | 3500 | 4500 | 5200 |
| SR | 1500 | 4000 | 3500 | 2500 |

SubQuestion No : 32

Q.32 In all, who has the highest number of fans?

A. VK
B. MSD
C. RD
D. SR

Question ID : **9888372572**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.33** Echocardiogram is more closely related to

A. Doppler effect
B. Zeeman effect
C. Photoelectric effect
D. Magnetic effect

Question ID : **9888372500**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

---

**Q.34** **Statements followed by some conclusions are given below.**

**Statements:**

1. Compulsive online shopping has become a common behavior among youngsters.
2. This is evident from most of those seeking counseling for de-addiction.

**Conclusions:**

I. All youngsters are addicted online shopping.
II. All youngsters seek counseling for de-addiction.

**Find which of the given conclusions logically follows from the given statements.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither I nor II follows

Question ID : **9888372563**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

---

**Q.35** In a mixture 25 litres, the ratio of milk and water is 4:1. How many litres of milk must be added to make the ratio 16:1?

A. 21
B. 25
C. 60
D. 36

Question ID : **9888372523**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

---

**Q.36** World Wetland day is celebrated every year on ____ February.

A. 2nd
B. 3rd
C. 4th
D. 5th

Question ID : **9888372487**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

Q.37 **Night blindness : Sight : : _____ : Speech**

A. Talk
B. Stutter
C. Speak
D. Lecture

Question ID : **9888372554**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

Q.38 Davis Cup 2015 final was held in _____.

A. UK
B. Australia
C. Belgium
D. Argentina

Question ID : **9888372485**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

Q.39 Mohan starts to calculate sum of all odd natural number less than 83. What result does he get?

A. 1456
B. 1681
C. 1437
D. 1671

Question ID : **9888372529**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

Q.40 'Start' menu in a standard personal computer is

A. Part of the hardware
B. A set of options and commands
C. Nothing but the status bar
D. Network related

Question ID : **9888372505**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

Q.41 If the mathematical operator '+' means '×', '+' means '−',' ×' means '+' and '−' means '÷', then

**24 + 48 − 12 × 4 ÷ 2 = ?**

A. 6
B. -6
C. 16
D. 28

Question ID : **9888372548**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B

✗ 2. A

✗ 3. C

✓ 4. D

Q.42 **Avalanche : Ice :: Volcano : _____**

A. Lava
B. Sand
C. Heat
D. Earth

Question ID : **9888372553**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

Q.43 The process of reducing the milk fat globules size to allow them to stay evenly distributed in milk is called _____.

A. Standardization
B. Pasteurization
C. Homogenization
D. Fortification

Question ID : **9888372512**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B

✗ 2. D

✓ 3. C

✗ 4. A

Q.44 _____ was the 3rd Mughal Emperor of India.

A. Humayun
B. Akbar
C. Aurangzeb
D. Jahangir

Question ID : **9888372480**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

Q.45 Velocity of a car does not depend on

A. Speedometer
B. Change in direction
C. Change in speed
D. Change in acceleration

Question ID : **9888372495**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

**Q.46** The Colosseum, known as the Flavian Amphitheatre, is located in _____.

A. Venice
B. Rome
C. Milan
D. Vatican City

Question ID : **9888372492**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.47** Mukesh got series of discount 30%, 25%, 15% on his shirt. Find out the single equivalent discount.

A. 52.34%
B. 38.35%
C. 55.38%
D. 57.38%

Question ID : **9888372538**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

**Q.48** In March 2016 National Green Tribunal imposed an initial compensation of Rs. 5 Crore on _____ for tampering with the Yamuna river's flood plains.

A. Kalki Avatar Foundation
B. Art of Living Foundation
C. Emissaries of Divine Light
D. Sant Nirankari Mission

Question ID : **9888372486**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.49** The ancient Indian legal document 'Manusmriti' was written in _____.

A. Tamil
B. Hindi
C. Sanskrit
D. Bengali

Question ID : **9888372474**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Q.50** Find the missing (?) in the series:

**…., FHJ, KMO, PRT, ?**

A. UVZ
B. UXZ
C. UVW
D. UWY

Question ID : **9888372550**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B

✔ 4. D

**Q.51** India won the 2016 Asia Cup T20 held in Bangladesh by _____ wickets.

A. 7
B. 6
C. 5
D. 8

Question ID : **9888372484**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. B
✘ 4. A

**Q.52** Kakori train robbery was organized by the _____ in 1925.

A. Swaraj Party
B. Indian National Congress
C. Anushilan Samiti
D. Hindustan Republican Association

Question ID : **9888372481**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. B
✔ 3. D
✘ 4. C

**Q.53** The mean of 20 observations is 19. One more observation is included and the new mean becomes 20. The 21st observation is:

A. 20
B. 30
C. 40
D. 42

Question ID : **9888372536**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

**Q.54** Golconda Fort was built during _____.

A. Vijayanagara Empire
B. Qutb Shahi dynasty
C. Satavahana dynasty
D. Hoysala Dynasty

Question ID : **9888372493**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✘ 2. D
✘ 3. C
✔ 4. B

**Q.55** Provincial Autonomy was provided by _____.

A. The Government of India Act 1935
B. The Montague-Chelmsford Report
C. The Government of India Act 1919
D. The Indian Independence Act 1947

Question ID : **9888372482**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

**Q.56** Who is number 1 in the Forbes 2016 ranking of World's billionaires?

A. Warren Buffet
B. Amancio Ortega
C. Bill Gates
D. Carlos Slim Helu

Question ID : **9888372475**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. B
✔ 2. C
✘ 3. A
✘ 4. D

**Q.57** In a factory, 60 workers can stitch 120 m of clothes in 7 days, what length of clothes can be stitched by 70 workers in 5 days?

A. 100 m
B. 90 m
C. 85 m
D. 110 m

Question ID : **9888372528**
Status : **Answered**
Chosen Option : **4**

Ans
✘ 1. B
✘ 2. C
✘ 3. D
✔ 4. A

**Q.58** Which one reveals, more appropriately, functioning of the heart?

A. Electrocardiogram
B. Echocardiogram
C. Stethoscope
D. Lipid profile

Question ID : **9888372503**
Status : **Answered**
Chosen Option : **4**

Ans
✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

**Q.59** Given that $(a^2+b^2)=60$, then find the value of $(a+b)^2 + (a-b)^2$.

A. 90
B. 120
C. 140
D. 150

Question ID : **9888372515**
Status : **Answered**
Chosen Option : **4**

Ans
✘ 1. C
✘ 2. A
✘ 3. D
✔ 4. B

**Q.60** Mother of K's father is the sister of G. S is the daughter of G. How is S related to K's father?

A. Cousin sister
B. Mother
C. Paternal Aunt
D. Cannot be determined.

Question ID : **9888372556**
Status : **Answered**
Chosen Option : **1**

Ans ✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

**Q.61** A balloon is connected to a meteorological station by a cable of length 130 m, inclined at $60^0$ to the horizontal. Find the height of the balloon from the ground. Assume that there is no slack in cable.

A. 110.32 m
B. 173 m
C. 163.28 m
D. 112.58 m

Question ID : **9888372525**
Status : **Answered**
Chosen Option : **4**

Ans ✘ 1. C
✘ 2. A
✘ 3. B
✔ 4. D

**Q.62** Orbital period of Halley's comet is _____ years.

A. 25
B. 50
C. 75
D. 100

Question ID : **9888372508**
Status : **Answered**
Chosen Option : **4**

Ans ✘ 1. B
✘ 2. D
✘ 3. A
✔ 4. C

**Q.63** Find the greatest number which on dividing 1580 and 3800 leaves remainders 8 and 1 respectively.

A. 262
B. 131
C. 65.5
D. 393

Question ID : **9888372516**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans ✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

**Q.64** Which one is not the cause of kidney stone formation?

A. Drinking more water
B. Diabetic mellitus
C. Taking nuts rich in oxalate
D. Eating lot of stone forming foods

Question ID : **9888372498**
Status : **Answered**
Chosen Option : **1**

Ans ✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

**Q.65** If the angles of a triangle are in the ratio of 2:3:5, then find the ratio of the greatest angle to the smallest angle.

A. 7:2
B. 5:2
C. 5:3
D. 3:5

Question ID : **9888372534**
Status : **Answered**
Chosen Option : **1**

Ans
1. D
2. C
3. A
4. B

**Q.66** The annual financial statement prepared under article 112 of the Indian Constitution is called _____.

A. Public account
B. Consolidated account
C. Budget
D. Revenue account

Question ID : **9888372489**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. A
2. D
3. C
4. B

**Q.67** Ram travels 4/9th of the total journey by bus, 5/18th by rail and the remaining 10 km on foot. Find the distance of total journey.

A. 42 km
B. 90 km
C. 36 km
D. 18 km

Question ID : **9888372541**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. A
3. D
4. C

**Q.68** If a=5, b=4, c=8 then find the value of $(a^3+b^3+c^3-3abc)/(ab+bc+ca-a^2-b^2-c^2)$.

A. 15
B. 17
C. -17
D. -15

Question ID : **9888372513**
Status : **Answered**
Chosen Option : **2**

Ans
1. B
2. C
3. D
4. A

**Q.69** The average age of a batch of 19 members is 24 years. If the age of the faculty be included, then the average increases by 4 months. What is the age of the faculty?

A. 35 years
B. 30 years 8 months
C. 37 years 4 months
D. 32 years 8 months

Question ID : **9888372527**
Status : **Answered**
Chosen Option : **4**

Ans
1. C
2. A
3. D
4. B

**Q.70** **Courtroom : Judge :: Stadium : _____**

A. Landlord
B. Organizer
C. Referee
D. Promoter

Question ID : **9888372551**
Status : **Answered**
Chosen Option : **3**

Ans
1. A

✗ 2. B

✓ 3. C

✗ 4. D

**Q.71** The tennis star, _____ was provisionally suspended after testing positive for banned drugs during Australian open 2016.

A. Maria Sharapova
B. Serena Williams
C. Ana Ivanovic
D. Andy Murray

Question ID : **9888372490**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B

✗ 2. C

✗ 3. D

✓ 4. A

**Comprehension:**

**Consider the following information and answer the questions based on it.**

Out of the 75 birders, 15 wanted to see only sunbird, 10 wanted to see only flycatcher, 12 wanted to see both sunbird and nuthatch, 15 wanted to see only bee-eater, 13 wanted to see both sunbird and bee-eater, 5 wanted to see both flycatcher and nuthatch and the remaining wanted to see only nuthatch.

**SubQuestion No : 72**

**Q.72** The difference between the birders who want to see sunbird and those who want to see flycatcher is

A. 12
B. 25
C. 30
D. 15

Question ID : **9888372567**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

**Comprehension:**

**Consider the following information and answer the questions based on it.**

Out of the 75 birders, 15 wanted to see only sunbird, 10 wanted to see only flycatcher, 12 wanted to see both sunbird and nuthatch, 15 wanted to see only bee-eater, 13 wanted to see both sunbird and bee-eater, 5 wanted to see both flycatcher and nuthatch and the remaining wanted to see only nuthatch.

**SubQuestion No : 73**

**Q.73** How many birders wanted to see only one bird?

A. 30
B. 40
C. 45
D. 50

Question ID : **9888372566**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A

✗ 2. D

✓ 3. C

✗ 4. B

**Comprehension:**

**Consider the following information and answer the questions based on it.**

Out of the 75 birders, 15 wanted to see only sunbird, 10 wanted to see only flycatcher, 12 wanted to see both sunbird and nuthatch, 15 wanted to see only bee-eater, 13 wanted to see both sunbird and bee-eater, 5 wanted to see both flycatcher and nuthatch and the remaining wanted to see only nuthatch.

**SubQuestion No : 74**

**Q.74** The ratio of birders who like nuthatch to those who like bee-eaters is

A. 11/14
B. 10/7
C. 11/20
D. 30/8

Question ID : **9888372568**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

---

**Q.75** Find the missing (?) in the series:

**9, 4, 16, 6, 36, 9, 81, ?**

A. 12
B. 10
C. 11
D. 13

Question ID : **9888372549**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

---

**Q.76** Charles Wilkinson's English version of Bhagavad Gita was first published in the year

A. 1685
B. 1725
C. 1785
D. 1885

Question ID : **9888372479**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

---

**Q.77** A sum of money of Rs. 1000 is lent out in two parts in such a way that the interest on one part at 10% per annum for 5 years is equal to another at 5% for 10 years. Calculate the sum lent out at 5%.

A. Rs. 500
B. Rs. 800
C. Rs. 1000
D. Rs. 1200

Question ID : **9888372519**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

**Q.78** In a certain code, **329** means **'you are bad'**, **419** means **'bad is good'** and **195** means **'nothing is bad'**. ____ represents 'good'.

A. 9
B. 4
C. 1
D. 3

Question ID : **9888372544**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

**Q.79** Any online 'demo' is _____.

A. An interactive presentation
B. A non-interactive presentation
C. Not a sequential presentation
D. An active user interface

Question ID : **9888372506**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

**Q.80** In a certain code, **324** means **'are you alright'**, **783** means **'you come home'** and **9271** means **'we are at home'**. Which digit represents 'come'?

A. 8
B. 9
C. 7
D. 3

Question ID : **9888372543**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Q.81** The game of football is also referred to as _____.

A. Rugby
B. Poker
C. Soccer
D. Ping-Pong

Question ID : **9888372483**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.82** Rearrange the jumbled letters to make meaningful words and then select the one which is different.

A. OMESU
B. ROTINOM
C. RETIAW
D. RETNIRP

Question ID : **9888372564**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.83** Find the odd pair out.

A. Nitrogen : Air
B. Hydrogen : Water
C. Uranium : Coins
D. Sulphur : Match stick

Question ID : **9888372497**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

---

**Q.84** Neeraj purchased a few shirts for his shop at cost prices ranging from Rs. 400 to Rs. 550 and sold at prices ranging from Rs. 450 to Rs. 650. What is the maximum profit that might be made in selling 10 shirts?

A. Rs. 2800
B. Rs. 2500
C. Rs. 2400
D. Rs. 2000

Question ID : **9888372539**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

---

**Q.85** As per historical astronomy there are _____ zodiac divisions.

A. 9
B. 10
C. 11
D. 12

Question ID : **9888372510**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

---

**Q.86** How much is the maximum % discount that Sheela can offer to her customer on her Marked Price so that she sells her product at no profit or loss, if she had already marked her product by 25% more than the cost price?

A. 25%
B. 20%
C. 30%
D. 40%

Question ID : **9888372540**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

---

**Q.87** If the standard deviation of a population is 10, what would be the population variance?

A. 100
B. 30
C. 5
D. 20

Question ID : **9888372537**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. A
✗ 4. C

**Q.88** **An assertion (A) and a reason (R) are given below.**

**Assertion (A)**: Electric wires are generally made of copper.

**Reason (R)**: Copper is a good conductor.

**Choose the correct option.**

A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true

Question ID : **9888372573**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. A
✗ 4. C

**Q.89** Ram is thrice as fast as Mohan and Mohan is twice as fast as Sohan. The distance covered by Sohan in 42 minutes will be covered by Mohan in :

A. 18 minutes
B. 21 minutes
C. 20 minutes
D. 22 minutes

Question ID : **9888372542**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.90** An angle is $60^\circ$ more than one fifth of its complement. Find the smaller angle in degrees.

A. $65^\circ$
B. $35^\circ$
C. $25^\circ$
D. $45^\circ$

Question ID : **9888372532**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

**Comprehension:**

**Consider the following information and answer questions based on it.**

Seven bottles colored – brown, blue, black, violet, white, indigo and purple are kept in a row, in random order, from left to right such that the –

1. White and purple bottles are not at either extremes.
2. Brown bottle is to the immediate right of violet bottle and to the immediate left of the white bottle.
3. White, violet and brown bottles are not at the center.
4. Black bottle is to the immediate left of purple bottle.
5. Blue bottle is neither second last nor at either extremes.

**SubQuestion No : 91**

**Q.91** Bottles at the extreme right and left ends are

A. Violet and purple
B. Indigo and violet
C. Black and indigo
D. Black and violet

Question ID : **9888372561**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B

2. D

3. A

4. C

**Comprehension:**

**Consider the following information and answer questions based on it.**

Seven bottles colored – brown, blue, black, violet, white, indigo and purple are kept in a row, in random order, from left to right such that the –

1. White and purple bottles are not at either extremes.
2. Brown bottle is to the immediate right of violet bottle and to the immediate left of the white bottle.
3. White, violet and brown bottles are not at the center.
4. Black bottle is to the immediate left of purple bottle.
5. Blue bottle is neither second last nor at either extremes.

**SubQuestion No : 92**

**Q.92** Which bottle is at the center of the row?

A. Black bottle
B. Indigo bottle
C. Blue bottle
D. Purple bottle

Question ID : **9888372559**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. B
2. C
3. A
4. D

**Comprehension:**

**Consider the following information and answer questions based on it.**

Seven bottles colored – brown, blue, black, violet, white, indigo and purple are kept in a row, in random order, from left to right such that the –

1. White and purple bottles are not at either extremes.
2. Brown bottle is to the immediate right of violet bottle and to the immediate left of the white bottle.
3. White, violet and brown bottles are not at the center.
4. Black bottle is to the immediate left of purple bottle.
5. Blue bottle is neither second last nor at either extremes.

**SubQuestion No : 93**

**Q.93** Which of the following statement is correct?

A. Indigo bottle is to the immediate left of the purple bottle.
B. Blue is to the immediate right of the purple bottle.
C. There are at least five bottles between brown and black.
D. Black bottle is to the immediate right of the blue bottle.

Question ID : **9888372560**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. A
2. D
3. C
4. B

**Q.94** **Statements followed by some conclusions are given below.**

**Statements:**

1. Demand and supply determine the prices of goods and services.
2. When there are too many buyers, prices are pushed up and too many sellers push down prices.

**Conclusions:**

I. Buyers and sellers determine the prices.
II. Price discovery is market driven.

**Find which of the given conclusions logically follows from the given statements.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither I nor II follows

Question ID : **9888372562**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.95** Find the value of $6 + 11 + 16 + 21 + \ldots\ldots + 71$.

A. 539
B. 561
C. 661
D. 639

Question ID : **9888372530**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.96** The astronomer who discovered planet Pluto was _____.

A. Sylvain Arend
B. Joseph Asbrook
C. Edwin Hubble
D. Clyde Tombaugh

Question ID : **9888372509**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

**Q.97** **Read the given statements carefully and answer the question.**

**Statement:** The main reasons behind cyber criminals using international phone numbers to cheat the public, by asking their secured credit card details are

(i) it is easy to convince people and
(ii) it is difficult to trace the calls coming from foreign countries.

**Which of the following is true according to the given statement?**

A. There are only two reasons behind such calls.
B. People have full faith in foreign calls.
C. It is not possible to trace foreign calls.
D. Cyber criminals prefer international calls to cheat gullible people.

Question ID : **9888372574**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Q.98** Three numbers are in the ratio of 3:5:10 and their LCM is 630. Find their HCF.

A. 21
B. 42
C. 63
D. 36

Question ID : **9888372517**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. A
✘ 2. D
✘ 3. C
✘ 4. B

---

**Q.99** 3 years ago, the ratio of Maya's and Shikha's age was 5: 9 respectively. After 5 years, this ratio would become 3: 5. Find present age of Maya?

A. 40
B. 45
C. 43
D. 53

Question ID : **9888372526**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. D
✘ 4. B

---

**Q.100** If **'god is fair' = 'ge se fa'**, **'who is god' = 'ge we fa'** and **'you are god' = 'ne le fa'**, which code does represent 'is'?

A. se
B. ge
C. fa
D. we

Question ID : **9888372546**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 22nd April 2016 Shift 2

| | |
|---|---|
| Roll No: | 000000000000 |
| Participants Name: | AAAAAAAAAA |
| Test Center Name: | Shashi Ganga Infotech |
| Test Date: | 22/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Which of the following is NOT a fundamental right of an Indian Citizen?

Question ID : **2055233415**
Status : **Answered**
Chosen Option : **1**

A. Right to Equality
B. Right to Privacy
C. Right to Life
D. Right against Exploitation

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.2** If **TRACTER = 14** and **TROLLEY = 14**, then **SCOOTER** =

Question ID : **2055233469**
Status : **Not Attempted**
Chosen Option : **--**

A. 24
B. 14
C. 28
D. 30

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.3** If **TIGER** is coded as **REGIT**, how is **LEOPARD** coded?

Question ID : **2055233471**
Status : **Answered**
Chosen Option : **3**

A. DRAOPLE
B. DRAPLED
C. DRAPOEL
D. DRAOPEL

**Ans**
✗ 1. B
✗ 2. A

✔ 3. C

✘ 4. D

Q.4 Correct expression of $0.0\overline{236}$ =?

Question ID : **2055233442**
Status : **Answered**
Chosen Option : **1**

A. $\frac{13}{550}$

B. $\frac{236}{1000}$

C. $2\frac{36}{1000}$

D. $\frac{13}{555}$

Ans ✘ 1. C

✘ 2. B

✘ 3. D

✔ 4. A

**Comprehension:**

Read the data given below and answer the questions based on it.

There were 3 sections namely A, B, and C in a test. Out of three sections, 33 students passed in Section A, 34 students passed in Section B and 32 passed in Section C. 10 students passed in Section A and Section B, 9 passed in Section B and Section C, 8 passed in Section A and Section C. The number of students who passed each section alone was equal and was 21 for each section.

**SubQuestion No : 5**

Q.5 How many passed only one of the three sections?

Question ID : **2055233493**
Status : **Not Attempted**
Chosen Option : **--**

A. 21

B. 42

C. 63

D. 52

Ans ✔ 1. C

✘ 2. D

✘ 3. A

✘ 4. B

**Comprehension:**

Read the data given below and answer the questions based on it.

There were 3 sections namely A, B, and C in a test. Out of three sections, 33 students passed in Section A, 34 students passed in Section B and 32 passed in Section C. 10 students passed in Section A and Section B, 9 passed in Section B and Section C, 8 passed in Section A and Section C. The number of students who passed each section alone was equal and was 21 for each section.

**SubQuestion No : 6**

Q.6 How many passed all the three sections?

Question ID : **2055233492**
Status : **Not Attempted**
Chosen Option : **--**

A. 3
B. 6
C. 5
D. 7

Ans
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Comprehension:**

Read the data given below and answer the questions based on it.

There were 3 sections namely A, B, and C in a test. Out of three sections, 33 students passed in Section A, 34 students passed in Section B and 32 passed in Section C. 10 students passed in Section A and Section B, 9 passed in Section B and Section C, 8 passed in Section A and Section C. The number of students who passed each section alone was equal and was 21 for each section.

**SubQuestion No : 7**

Q.7 The ratio of the number of students passed in one or more of the sections to the number of students who passed in Section A alone is:

Question ID : **2055233494**
Status : **Not Attempted**
Chosen Option : **--**

A. 78/21
B. 3
C. 73/21
D. 75/21

Ans
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

Q.8 If "÷" denotes "multiplication", "-" denotes "addition", "+" denotes "division" and "×" denotes "subtraction", then which of the following is the value of the expression

$19 \div 9 \times 51 - 171 + 19$

Question ID : **2055233476**
Status : **Answered**
Chosen Option : **1**

A. 143
B. 129
C. 179
D. 151

Ans
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

Q.9 Divide Rs.156 in the ratio 1:2:4:5. The rupees in the respective ratios are given by:

Question ID : **2055233447**
Status : **Answered**
Chosen Option : **4**

A. 13, 26, 53 & 64
B. 13, 26, 51 & 66
C. 13, 26, 52 & 65
D. 13, 25, 53 & 65

Ans
✗ 1. B
✗ 2. A
✗ 3. D

✔ 4. C

**Q.10** To prevent rancidity of oil (due to oxidation) in which potato chips are fried, the bags of chips are flushed with the gas -

A. Oxygen
B. Hydrogen
C. Nitrogen
D. Chlorine

Question ID : **2055233437**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. A
✔ 3. C
✘ 4. B

**Q.11** The other term for genetic engineering is:

A. DNA fingerprinting
B. DNA editing
C. Recombinant DNA technology
D. Gene therapy

Question ID : **2055233426**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. B
✘ 2. D
✔ 3. C
✘ 4. A

**Q.12** Which Hollywood star has been confirmed to act with Indian actor Rajnikanth in upcoming film Enthiran 2?

A. Dwayne Johnson
B. Vin Diesel
C. Arnold Schwarzenegger
D. Sylvester Stallone

Question ID : **2055233400**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. D
✘ 3. B
✔ 4. C

**Q.13** Monica takes 9 hrs 15 minutes in walking a distance and riding back to same place where she started. She could walk both ways in 11 hrs 12 minutes. The time taken by her to ride back both ways is:

A. 7 hrs 18 min
B. 7 hrs 35 min
C. 7 hrs 45 min
D. 7 hrs 15 min

Question ID : **2055233451**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. C
✔ 3. A
✘ 4. B

**Q.14** Choose the pair which is related in the same way as the words in the first pair from the given choices.

**LUNG : MAN :: GILL : _____**

A. FISH
B. COW
C. PEACOCK
D. BIRD

Question ID : **2055233479**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Q.15** Which one of the following insects **cannot** be called a 'social insect'?

A. Bees
B. Crickets
C. Termites
D. Ants

Question ID : **2055233424**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.16** Mr. Yudish borrowed Rs.3500 at 4% per annum compound interest. The compound interest compounded annually for 2 years is:

A. 285.6
B. 3785.6
C. 3758.6
D. 258.6

Question ID : **2055233453**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

**Q.17** Which is the correct ascending order of the given numbers?

A. $\frac{3}{7}, 0.3, \frac{2}{7}$
B. $0.3, \frac{2}{7}, \frac{3}{7}$
C. $\frac{2}{7}, 0.3, \frac{3}{7}$
D. $\frac{2}{7}, \frac{3}{7}, 0.3$

Question ID : **2055233441**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.18** Out of the FIFA World Cup awards which one is awarded to the best goal keeper?

A. Golden Boot
B. Golden Ball
C. Golden Glove
D. Golden Cap

Question ID : **2055233411**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

**Q.19** Compute $35968 \div 562 \div 8 = ?$

A. 80
B. 512
C. 8
D. 521

Question ID : **2055233439**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.20** Compute $7497 \div 147 - 8 = ?$

A. -20
B. 20
C. $\frac{7497}{116}$
D. $\frac{7479}{116}$

Question ID : **2055233440**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. C
2. D
3. A
4. B

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.21** The most recently discovered link in human evolution is the discovery of fossils of:

A. Lucy
B. Homo naledi
C. Homo sapiens
D. Austiopithelines

Question ID : **2055233431**
Status : **Answered**
Chosen Option : **4**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

**Q.22** Even before East India Company consolidated power, India was exporting fine textiles made of:

A. only cotton
B. only silk
C. only nylon
D. cotton and silk

Question ID : **2055233406**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Q.23** If **COUNTER** is coded as **NTERCOU**, then **ANALOGY** is coded as

A. LOGYAAN
B. LOGAYNA
C. LOGYANA
D. LGOYNAA

Question ID : **2055233472**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.24** Ashok Pillar of Delhi has baffled scientists as it weathers all vagaries of weather and yet does **not** rust or corrode. Which is it made of?

A. Iron
B. Bronze
C. Terracotta
D. Single rock stone

Question ID : **2055233419**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.25** Prior to independence, the first Indian jute mill was set up in _____.

A. Gujarat
B. Bengal
C. Odisha
D. Maharashtra

Question ID : **2055233405**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.26** Choose the pair which is related in the same way as the words in the first pair from the given choices.

**EDITOR : MAGAZINE :: _____ : DRAMA.**

A. PLAY
B. ARTISTS
C. STAGE
D. DIRECTOR

Question ID : **2055233478**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B

✔ 4. D

**Q.27** If the product of two numbers is 3192 and their LCM is 56 then their HCF is:

Question ID : **2055233445**
Status : **Answered**
Chosen Option : **1**

A. 58
B. 59
C. 56
D. 57

**Ans**
✔ 1. D
✘ 2. A
✘ 3. C
✘ 4. B

**Comprehension:**

The table below represents the distance (in km) travelled by six trucks on six different days of the week. Read the table and answer the questions based on it.

| Day | Truck | | | | | |
|---|---|---|---|---|---|---|
| | P | Q | R | S | T | U |
| **Monday** | 240 | 250 | 320 | 325 | 330 | 300 |
| **Tuesday** | 320 | 264 | 308 | 314 | 318 | 314 |
| **Wednesday** | 324 | 294 | 330 | 312 | 310 | 325 |
| **Thursday** | 288 | 300 | 310 | 278 | 260 | 275 |
| **Friday** | 366 | 302 | 288 | 292 | 270 | 268 |
| **Saturday** | 292 | 284 | 260 | 274 | 280 | 242 |

**SubQuestion No : 28**

**Q.28** What is the average distance travelled by Truck S on all the days together?

Question ID : **2055233497**
Status : **Answered**
Chosen Option : **4**

A. 296 km
B. 1795/6 km
C. 198 km
D. 199 km

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Comprehension:**

The table below represents the distance (in km) travelled by six trucks on six different days of the week. Read the table and answer the questions based on it.

| Day | Truck | | | | | |
|---|---|---|---|---|---|---|
| | P | Q | R | S | T | U |
| **Monday** | 240 | 250 | 320 | 325 | 330 | 300 |
| **Tuesday** | 320 | 264 | 308 | 314 | 318 | 314 |
| **Wednesday** | 324 | 294 | 330 | 312 | 310 | 325 |
| **Thursday** | 288 | 300 | 310 | 278 | 260 | 275 |
| **Friday** | 366 | 302 | 288 | 292 | 270 | 268 |
| **Saturday** | 292 | 284 | 260 | 274 | 280 | 242 |

**SubQuestion No : 29**

**Q.29** What is the total distance travelled by all the trucks together on Saturday?

Question ID : **2055233496**
Status : **Answered**
Chosen Option : **1**

A. 1623 km
B. 1263 km
C. 1362 km
D. 1632 km

**Ans**
✔ 1. D
✘ 2. B
✘ 3. C
✘ 4. A

**Comprehension:**

The table below represents the distance (in km) travelled by six trucks on six different days of the week. Read the table and answer the questions based on it.

| Day | Truck | | | | | |
|---|---|---|---|---|---|---|
| | P | Q | R | S | T | U |
| Monday | 240 | 250 | 320 | 325 | 330 | 300 |
| Tuesday | 320 | 264 | 308 | 314 | 318 | 314 |
| Wednesday | 324 | 294 | 330 | 312 | 310 | 325 |
| Thursday | 288 | 300 | 310 | 278 | 260 | 275 |
| Friday | 366 | 302 | 288 | 292 | 270 | 268 |
| Saturday | 292 | 284 | 260 | 274 | 280 | 242 |

**SubQuestion No : 30**

**Q.30** If to travel the given distance, the time taken by Truck Q on Friday was 8 hours, then what was its average speed on that day?

A. 37.75km/hr
B. 42.50 km/hr
C. 28.25 km/hr
D. 32.25 km/hr

Question ID : **2055233498**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. C
✘ 3. D
✘ 4. B

**Q.31** Reema pointed towards a painting and said, "He is my son's paternal grandfather's only daughter-in-law's father's father". How is he related to Reema?

A. Paternal Uncle
B. Paternal Grandfather
C. Maternal Grandfather
D. Father

Question ID : **2055233481**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

**Q.32** Mr. Piyush sold a bus for Rs.3400 with a loss of 15%. At what price should the bus be sold to get a profit of 15%?

A. 4500
B. 4300
C. 4700
D. 4600

Question ID : **2055233455**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. B
✔ 4. D

**Q.33** An assertion and a reason are given below.

**Assertion**: India is a Sovereign country.

**Reason**: Its parliament is placed in Delhi.

Choose the answer.

A. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
C. Both Assertion and Reason are false.
D. Assertion is true but Reason is false.

Question ID : **2055233501**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.34** From the given series of jumbled letters separate the names of flower and tree and select from the given choices the first letter of the name of flower and tree **"saltoteuk"**

A. SR
B. RE
C. LK
D. LT

Question ID : **2055233490**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.35** Which of the following is a **wrong** example of friction?

A. Washing machine pushed along a floor
B. Sled sliding across snow
C. A person sliding down a slide
D. A person lifting an heavy object

Question ID : **2055233420**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.36** Sundarbans is the largest single block of tidal halophytic _____ forest in the world.

A. Woody shrubs
B. Papyrus
C. Mangrove
D. Marsh

Question ID : **2055233402**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Q.37** Which of the following organizations were NOT formed outside India to help in the struggle for Indian independence?

A. India House
B. Gadar Party
C. Hindustan Socialist Republican Association
D. Berlin Committee

Question ID : **2055233408**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A

2. D

3. B

4. C

**Q.38** The mode of the data -3, 4, 0, 4, -2, -5, 1, 7, 10, 5 is:

A. 0

B. 4

C. -2

D. 7

Question ID : **2055233467**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. A
2. B
3. C
4. D

**Q.39** Given $w = -2$ , $x = 3$, $y = 0$ & $z = -\frac{1}{2}$. Find the value of $2x(w - z)$.

A. -9

B. 9

C. 8

D. -8

Question ID : **2055233458**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. D
2. C
3. A
4. B

**Q.40** Which unit is used to measure Noise?

A. Decibel

B. Hertz

C. Ohm

D. Volt

Question ID : **2055233421**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. A
2. D
3. B
4. C

**Q.41** A shopkeeper cheats to the extent of 9% while buying and selling fruits, by using tampered weights. His total gain in percentage is:

A. 18.25

B. 18.81

C. 18.75

D. 18.5

Question ID : **2055233456**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. C
2. A
3. D

✔ 4. B

**Q.42** The Hubble Space Telescope, which belongs to _____, captured the first-ever predicted supernova explosion.

A. USA
B. UK
C. Canada
D. Russia

Question ID : **2055233399**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. D
✘ 2. C
✔ 3. A
✘ 4. B

**Q.43** If signs – and ×, and numbers 5 and 14 are interchanged, then the value of **5 + 4 ÷ 2 – 8 × 14** is

A. 15
B. 20
C. 25
D. 30

Question ID : **2055233474**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. D
✔ 3. C
✘ 4. B

**Q.44** The first human to travel in space -

A. Neil Armstrong
B. Yuri Gagarin
C. Edwin Aldrin
D. Valentina Tereshkova

Question ID : **2055233435**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. D
✔ 3. B
✘ 4. A

**Q.45** A mobile bill costs Rs 10 for 3 minutes 30 seconds. What is the cost in rupees for 4 minutes 10 seconds? (rounded to one decimal).

A. 11.9
B. 12
C. 11.8
D. 11.7

Question ID : **2055233448**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. B
✔ 3. A
✘ 4. C

**Q.46** Among, the democratic countries of the world, which country's constitution is the lengthiest and most detailed?

A. US
B. UK
C. South Africa
D. India

Question ID : **2055233414**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

**Q.47** Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements

**Statement**:

Domestic demand has been increasing faster than the production of indigenous crude oil.

**Conclusions**:

I. Crude oil must be imported.

II. Domestic demand must be reduced.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Neither I nor II follows.
D. Both I and II follow.

Question ID : **2055233489**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.48** .css file extension usually refers to what kind of file?

A. Image File
B. System File
C. Animation File
D. Hypertext related File

Question ID : **2055233433**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Q.49** Who is the current Minister of State for Commerce and Industry?

A. Nirmala Sitharaman
B. Vasundhara Raje Scindia
C. Smriti Irani
D. Sushma Swaraj

Question ID : **2055233417**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.50** An assertion and a reason are given below.

**Assertion**: Water is essential for life.

**Reason:** It is formed using three parts of Hydrogen and one part of Oxygen.

Choose the answer.

A. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
C. Both Assertion and Reason are false.
D. Assertion is true but Reason is false.

Question ID : **2055233499**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

**Q.51** To which country does the 'MOST' ( Microvariability and Oscillation of Stars ) Space Telescope belong?

A. India
B. Canada
C. Russia
D. USA

Question ID : **2055233434**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.52** Which one of the three rivers at Triveni Sangam, Allahabad, is an underground river?

A. Ganges
B. Yamuna
C. Saraswati
D. Kaveri

Question ID : **2055233403**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.53** Which of the following rebellions was **NOT** against restrictions imposed by the British rulers?

A. Faqir and Sanyasi Rebellion
B. The Indigo rebellion
C. Santhal Rebellion
D. Naxalbari Rabellion

Question ID : **2055233407**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Q.54** Solve: $-4=-7+3x$.

A. $-1$

B. $1$

C. $\frac{11}{3}$

D. $\frac{-11}{3}$

Question ID : **2055233460**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.55** What is the chemical name of common salt that we eat?

A. Sodium bicarbonate

B. Sodium chloride

C. Sodium salicylate

D. Sodium hydroxide

Question ID : **2055233423**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.56** If **39574** is written as **XPLMD**, and **0826** as **TBNQ**, then **DBMTX** will be coded as

A. 48730

B. 48603

C. 48703

D. 48743

Question ID : **2055233470**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.57** The cash difference between the selling price of an article at a profit of 2% and 14% is Rs.3. The ratio of two selling prices is:

A. 17:19

B. 17:20

C. 19:20

D. 17:53

Question ID : **2055233457**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B

✔ 4. A

**Q.58** Simplify $7x + 3x(x - 4) = ?$

Question ID : **2055233459**
Status : **Answered**
Chosen Option : **1**

A. $10x+12$
B. $10x-12$
C. $3x^2+5x$
D. $3x^2-5x$

**Ans**
✔ 1. D
✘ 2. B
✘ 3. C
✘ 4. A

**Q.59** Satish Dhawan Space Centre is located in:

Question ID : **2055233436**
Status : **Answered**
Chosen Option : **1**

A. Uttar Pradesh
B. Madhya Pradesh
C. Andhra Pradesh
D. Tamil Nadu

**Ans**
✘ 1. A
✘ 2. D
✘ 3. B
✔ 4. C

**Q.60** The variance of a set of data is 144. Then the standard deviation of the data is:

Question ID : **2055233468**
Status : **Answered**
Chosen Option : **2**

A. ±12
B. 12
C. 44
D. 72

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.61** Choose the pair which is related in the same way as the words in the first pair from the given choices.
**ROASTER : DUTY :: INVENTORY : _____**

Question ID : **2055233480**
Status : **Answered**
Chosen Option : **4**

A. GOODS
B. SALES
C. EXPORT
D. PRODUCTION

**Ans**
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

**Q.62** Compute of $54367 \times 9999 = ?$

Question ID : **2055233443**
Status : **Answered**
Chosen Option : **4**

A. 546315633
B. 543655633
C. 543651633
D. 543615633

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.63** Mr. Yashwanth invested money in FD. How much will he get on maturity, if Rs.10000 is invested at 20% per annum compound interest for 6 months, compounded quarterly?

Question ID : **2055233454**
Status : **Not Attempted**
Chosen Option : **--**

A. 11025.25
B. 11025
C. 11025.75
D. 11025.5

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.64** HIV is passed from one person to another in all of the following ways except:

Question ID : **2055233429**
Status : **Answered**
Chosen Option : **4**

A. Mosquito bite
B. Breast Feeding
C. Sharing Needles
D. Sexual Contact

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

**Q.65** Bloodless surgery is done with_____

Question ID : **2055233428**
Status : **Answered**
Chosen Option : **4**

A. Lasers
B. Microneedles
C. Scalpels
D. Fine scissors

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Q.66** Yuvraj is Dipti's mother's father's only granddaughter's son's cousin. How is Yuvraj related to Dipti?

A. Nephew
B. Son
C. Maternal Uncle
D. Grandson

Question ID : **2055233483**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

**Q.67** Two numbers are in ratio 4:9 and their HCF is 11. Their LCM is:

A. 396
B. 44
C. 99
D. 400

Question ID : **2055233446**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. C
✘ 2. B
✔ 3. A
✘ 4. D

**Q.68** Which one of the following countries' official language is Dari, a form of Persian?

A. Pakistan
B. Bangladesh
C. Nepal
D. Afghanistan

Question ID : **2055233404**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. A
✘ 3. B
✔ 4. D

**Q.69** The order of rotational symmetry of a rhombus is:

A. 1
B. 4
C. 2
D. 0

Question ID : **2055233463**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. B
✘ 2. A
✔ 3. C
✘ 4. D

**Q.70** The number of sides of a regular polygon whose exterior angles are each $45^0$ is:

A. 7
B. 6
C. 8
D. 9

Question ID : **2055233461**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. A
2. D
3. B
4. C

**Q.71** Which country does Roger Federer represent in Lawn Tennis competitions?

A. Serbia
B. US
C. Switzerland
D. UK

Question ID : **2055233409**
Status : **Answered**
Chosen Option : **1**

Ans
1. C
2. D
3. B
4. A

**Q.72** Choose the pair which is related in the same way as the words in the first pair from the given choices.

**CLIMB : TREE** :: _____ : _____

A. ROW : SHIP
B. RISE : TOP
C. ASCEND : CLIFF
D. FILE : FINGER

Question ID : **2055233477**
Status : **Answered**
Chosen Option : **4**

Ans
1. D
2. C
3. B
4. A

**Q.73** The gland in the human body which secretes both enzymes and hormones is:

A. Liver
B. Pancreas
C. Salivary gland
D. Pituitary

Question ID : **2055233430**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. C
3. A
4. D

**Q.74** Which of the storage device of computers has now become obsolete?

A. Floppy
B. CD ROM
C. Pen drive
D. Hard disk

Question ID : **2055233432**
Status : **Answered**
Chosen Option : **1**

Ans
1. A
2. C
3. B
4. D

**Q.75** An assertion and a reason are given below.

**Assertion**: The phenomenon of nuclear fission generates great energy.

**Reason**: The process in which a nucleus is broken into two parts is called nuclear fission.

Choose the answer.

A. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
C. Both Assertion and Reason are false.
D. Assertion is true but Reason is false.

Question ID : **2055233500**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.76** Which instrument does Dr. L. Subramaniam play?

A. Sitar
B. Sarod
C. Violin
D. Guitar

Question ID : **2055233416**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. D
✘ 4. B

**Q.77** What is galvanized iron?

A. A form of steel
B. Zinc coated iron
C. Pig iron
D. Iron ore

Question ID : **2055233422**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

**Q.78** In November 2015, the Government of India announced an increase in FDI for 'News and current affairs channels' from 26% to ___.

A. 49%
B. 51%
C. 100%
D. 75%

Question ID : **2055233401**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✔ 2. A
✘ 3. B
✘ 4. C

**Q.79** If "–" and "×" signs as well as "7" and "3" are interchanged, then which of the one following is correct?

A. $20 \times 1 - 7 = 3$
B. $1 \times 20 - 7 = 20$
C. $3 - 7 \times 1 = 20$
D. $20 - 3 \times 1 = 7$

Question ID : **2055233475**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.80** Monal Kumar travelled equal distance with speed of 3 km/hr, 5 km/hr and 8 km/hr and takes a total time of 39.5 minutes. Find the total distance in km.

A. 4
B. 2
C. 1
D. 3

Question ID : **2055233452**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. C
✘ 2. A
✔ 3. D
✘ 4. B

**Q.81** Which of the following is a branch of technology that deals with dimensions and tolerances of less than 100 nanometers, especially the manipulation of individual atoms and molecules?

A. Biotechnology
B. Femtotechnology
C. Nanotechnology
D. Microtechnology

Question ID : **2055233427**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.82** The mean deviation of the data 2, 9,9, 3, 6, 9, 4 from the mean is:

A. $\frac{42}{7}$
B. $\frac{18}{7}$
C. 2.5
D. $\frac{50}{7}$

Question ID : **2055233466**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. C
✘ 2. D
✘ 3. A
✔ 4. B

**Q.83** The building up and movement of ships is based on:

A. Archimedes' principle
B. Faradays laws
C. Fleming's right hand rule
D. Newton's 2nd law of motion

Question ID : **2055233438**
Status : **Answered**
Chosen Option : **3**

Ans
1. C
2. D
3. A
4. B

Q.84 Mouma Das and Soumyajit Ghosh represent India in:

A. Table Tennis
B. Badminton
C. Tennis
D. Carrom

Question ID : **2055233410**
Status : **Answered**
Chosen Option : **4**

Ans
1. A
2. D
3. C
4. B

Q.85 Bhimbetka caves are located in:

A. Uttar Pradesh
B. Madhya Pradesh
C. Andhra Pradesh
D. Himachal Pradesh

Question ID : **2055233418**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. A
3. C
4. D

Q.86 The length of a diagonal in cm of a rectangle of length 9 cm and width 6 cm is:

A. $3\sqrt{13}$
B. $\pm 3\sqrt{13}$
C. $3\sqrt{5}$
D. $\pm 3\sqrt{5}$

Question ID : **2055233462**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. A
2. C
3. D
4. B

Q.87 Interchanging which two signs will make the following equation correct?

$15 + 3 \times 9 - 4 \div 16 = 57$

A. - and +
B. - and ÷
C. - and ×
D. + and ÷

Question ID : **2055233473**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

**Q.88** Prashanth is twice as good a sportsman as Tarun and together they finish a piece of work in 21 days. In how many days will Tarun alone finish the work?

A. 42
B. 63
C. 84
D. 50

Question ID : **2055233450**
Status : **Answered**
Chosen Option : **4**

Ans
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

**Q.89** Aquarium is a container in which there are living fish and aquatic plants. Which statement about aquarium is correct?

A. It is human made ecosystem
B. It is a natural ecosystem
C. It is not an ecosystem at all
D. It can only be termed a community

Question ID : **2055233425**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.90** If $Sin\ x = \frac{4}{5}$, then $\frac{Tan\ x}{Cot\ x} = ?$

A. $\frac{13}{9}$
B. $\frac{3}{4}$
C. $\frac{9}{16}$
D. $\frac{16}{9}$

Question ID : **2055233464**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.91** Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements

Question ID : **2055233488**
Status : **Answered**
Chosen Option : **1**

**Statements**:

A. If all players play to their full potential, we will win the match.

B. We have won the match.

**Conclusions**:

I All players played to their full potential.

II. Some players did not play to their full potential.

A. Only conclusion II follows.
B. Only conclusion I follows.
C. Neither I nor II follows.
D. Both I and II follow.

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

**Comprehension:**

Read the following passage and answer the questions based on it.

(i) Radha, Rekha, Rakhi, Ragini, Rashmi, Reema and Renu are sitting around a circle facing the center.
(ii) Reema is not an immediate neighbor of Rashmi.

(iii) Radha is to the immediate right of Ragini.
(iv) Rekha is second to the left of Reema.
(v) Radha is third to the left of Renu.

**SubQuestion No : 92**

**Q.92** Which of the following pairs of persons has the first person sitting to the immediate left of second person?

Question ID : **2055233486**
Status : **Answered**
Chosen Option : **4**

A. Radha-Reema
B. Rakhi-Rekha
C. Reema- Rakhi
D. Ragini-Rashmi

**Ans**
✘ 1. D
✘ 2. A
✘ 3. B
✔ 4. C

**Comprehension:**

Read the following passage and answer the questions based on it.

(i) Radha, Rekha, Rakhi, Ragini, Rashmi, Reema and Renu are sitting around a circle facing the center.
(ii) Reema is not an immediate neighbor of Rashmi.

(iii) Radha is to the immediate right of Ragini.
(iv) Rekha is second to the left of Reema.
(v) Radha is third to the left of Renu.

**SubQuestion No : 93**

Q.93 Who is second to the left of Ragini?

Question ID : **2055233485**
Status : **Answered**
Chosen Option : **3**

A. Reema
B. Rakhi
C. Radha
D. Rashmi

Ans
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

**Comprehension:**

Read the following passage and answer the questions based on it.

(i) Radha, Rekha, Rakhi, Ragini, Rashmi, Reema and Renu are sitting around a circle facing the center.
(ii) Reema is not an immediate neighbor of Rashmi.
(iii) Radha is to the immediate right of Ragini.
(iv) Rekha is second to the left of Reema.
(v) Radha is third to the left of Renu.

**SubQuestion No : 94**

Q.94 Which of the following groups has the first person sitting between the other two?

Question ID : **2055233487**
Status : **Answered**
Chosen Option : **3**

A. Reema-Rashmi-Radha
B. Rakhi-Ragini-Reema
C. Renu-Rekha-Ragini
D. Renu-Rekha-Rakhi

Ans
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

Q.95 Degradation of global environment has **not** resulted in one of the following.

Question ID : **2055233412**
Status : **Answered**
Chosen Option : **1**

A. Biodiversity loss
B. Increased Carbon-di-oxide concentration in the atmosphere
C. Exposure to UV radiations
D. Landfills

Ans
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.96** In India, most villages suffer due to one of the following and **not** the others:

A. Air pollution
B. Sound pollution
C. Radiation pollution
D. Water pollution

Question ID : **2055233413**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

**Q.97** Sharad introduced Meena as his son's paternal grandfather's only sister. How is Meena related to Sharad?

A. Mother
B. Sister
C. Paternal Aunt
D. Daughter

Question ID : **2055233482**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.98** A jug has two holes. The 1st hole alone makes the jug empty in 15 minutes and 2nd hole alone makes the jug empty in 20 minutes. If water leaks out at a constant rate, how long in minutes does it take if both the holes together empty the jug?

A. $\frac{4}{7}$
B. $7\frac{4}{7}$
C. $8\frac{5}{7}$
D. $8\frac{4}{7}$

Question ID : **2055233449**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

**Q.99** If $Tan\ A = \frac{15}{8}$ and $Tan\ B = \frac{7}{24}$, then $Tan\ (A + B) = ?$

A. $\frac{416}{87}$
B. $\frac{87}{416}$
C. $\frac{304}{297}$
D. $\frac{297}{304}$

Question ID : **2055233465**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

Q.100 Simplify: $2^4 \div 2^{-1}$

Question ID : **2055233444**
Status : **Answered**
Chosen Option : **2**

A. 1/32
B. 16
C. 32
D. 8

**Ans**
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 26th April 2016 Shift 2

| | |
|---|---|
| Roll No: | [redacted] |
| Participants Name: | [redacted] |
| Test Center Name: | Radharaman engineering College |
| Test Date: | 26/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** In 2015, Chennai and a few areas in Tamil Nadu were affected by floods. The centre had declared this as a 'Calamity of severe nature'. Which of the following was NOT a part of the relief plan?

A. Sanitation drive
B. Vaccination drive
C. Measures for rehabilitation of those rendered homeless
D. Opening of new schools

Question ID : **9888372885**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

**Q.2** Two numbers are in ratio 21:29 and their HCF is 8. Their LCM is:

A. 4872
B. 168
C. 232
D. 4782

Question ID : **9888372932**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

**Q.3** Where in China is the Forbidden City located?

A. Guilin
B. Beijing
C. Shanghai
D. Guanzho

Question ID : **9888372904**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C

✗ 3. A

✗ 4. D

**Q.4** The number of sides of a regular polygon whose exterior angles are each $60^0$ is:

A. 7

B. 5

C. 6

D. 8

Question ID : **9888372947**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. A

✓ 2. C

✗ 3. D

✗ 4. B

**Q.5** If **LOW** is coded as **468**, **BOW** as **768**, and **SOWS** as **3683**, then the code of **BOWLS** is

A. 76843

B. 76890

C. 63387

D. 36891

Question ID : **9888372956**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. B

✗ 2. D

✓ 3. A

✗ 4. C

**Q.6** Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

**Statement**:

Morning walks are good for health.

**Conclusions**:

I. All healthy people go for morning walks.

II. Evening walks are harmful.

**Choose which of the given conclusions logically follow(s) from the given statements.**

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both I and II follows.

D. Neither I nor II follow.

Question ID : **9888372975**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. A

✗ 2. C

✗ 3. B

✓ 4. D

**Q.7** Which kind of cell division is used to repair an injury by the body?

A. Mitosis only

B. Meiosis only

C. Both Mitosis and Meiosis

D. Neither Mitosis nor Meiosis

Question ID : **9888372915**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✓ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

**Q.8**

Solve: $2x + 4 = x - 3$.

Question ID : **9888372946**
Status : **Answered**
Chosen Option : **1**

A. $7$
B. $-7$
C. $-1$
D. $1$

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.9** If **SON = 678** and **TEN = 948**, then **STONE =**

Question ID : **9888372955**
Status : **Answered**
Chosen Option : **4**

A. 69797
B. 69784
C. 68784
D. 69764

**Ans**
✘ 1. D
✘ 2. A
✘ 3. C
✔ 4. B

**Q.10** Mr. Sanjeev invested money in FD. How much will he get on maturity, if Rs. 11000 is invested at 20% per annum compound interest for 6 months, compounded quarterly?

Question ID : **9888372940**
Status : **Not Attempted**
Chosen Option : **--**

A. 12127.25
B. 12127.5
C. 12127.75
D. 12127

**Ans**
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

**Q.11** If the product of two numbers is 2646 and their LCM is 42 then their HCF is:

Question ID : **9888372931**
Status : **Answered**
Chosen Option : **2**

A. 64
B. 26
C. 46
D. 63

**Ans**
✘ 1. B
✔ 2. D
✘ 3. C
✘ 4. A

**Comprehension:**

**Read the following passage and answer the questions based on it.**

(i) Vinay, Vinod, Vikas, Vasu, Vaibhav, Varun and Vishal are sitting around a circle facing at the center.

(ii) Vasu is the third to the right of Vikas.

(iii) Varun is second to the left of Vinay and second to the right of Vishal.

(iv) Vaibhav is third to the right of Vinod and is not an immediate neighbor of Varun.

**SubQuestion No : 12**

Q.12 Who is second to the right of Vinod?

Question ID : **9888372973**
Status : **Answered**
Chosen Option : **4**

A. Vaibhav

B. Vasu

C. Vishal

D. Vikas

Ans
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

---

**Comprehension:**

**Read the following passage and answer the questions based on it.**

(i) Vinay, Vinod, Vikas, Vasu, Vaibhav, Varun and Vishal are sitting around a circle facing at the center.

(ii) Vasu is the third to the right of Vikas.

(iii) Varun is second to the left of Vinay and second to the right of Vishal.

(iv) Vaibhav is third to the right of Vinod and is not an immediate neighbor of Varun.

**SubQuestion No : 13**

Q.13 Who is to the immediate right of Vikas?

Question ID : **9888372972**
Status : **Answered**
Chosen Option : **2**

A. Vinay

B. Vishal

C. Vaibhav

D. Varun

Ans
✗ 1. D
✓ 2. C

✗ 3. B

✗ 4. A

**Comprehension:**

**Read the following passage and answer the questions based on it.**

(i) Vinay, Vinod, Vikas, Vasu, Vaibhav, Varun and Vishal are sitting around a circle facing at the center.

(ii) Vasu is the third to the right of Vikas.

(iii) Varun is second to the left of Vinay and second to the right of Vishal.

(iv) Vaibhav is third to the right of Vinod and is not an immediate neighbor of Varun.

**SubQuestion No : 14**

**Q.14** Who is third to the left of Varun?

A. Vaibhav

B. Vasu

C. Vishal

D. Vikas

Question ID : **9888372971**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. A

✗ 2. D

✗ 3. C

✗ 4. B

**Q.15** Compute of $29292 \times 9999 = ?$

A. 222890708

B. 298290708

C. 292809708

D. 292890708

Question ID : **9888372929**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. A

✗ 2. B

✗ 3. C

✓ 4. D

**Q.16** Which of the following is NOT based on principle of relationship between volume and pressure of air?

A. Fountain pen

B. Bicycle pump

C. Hand pump

D. Pulley

Question ID : **9888372924**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. A

✓ 2. D

✗ 3. C

✗ 4. B

**Q.17** If **NOTEBOOK** is coded as **REGOLEEN**, and **SHIRT** as **XYZBG**, then **TORN** is coded as

A. GZBR
B. GEBN
C. GEBR
D. GOBR

Question ID : **9888372958**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.18** If $Tan\ A = \frac{15}{8}$ and $Tan\ B = \frac{7}{24}$, then $Cos(A-B) = ?$

A. $\frac{297}{425}$
B. $\frac{304}{425}$
C. $\frac{87}{425}$
D. $\frac{416}{425}$

Question ID : **9888372951**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.19** Simplify $4(x-1)-3x$

A. $7x-4$
B. $7x+4$
C. $x+4$
D. $x-4$

Question ID : **9888372945**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Q.20**

Question ID : **9888372930**
Status : **Answered**
Chosen Option : **4**

Simplify: $(27)^{\frac{-2}{3}}$

A. 1/18

B. 9

C. 1/9

D. 18

Ans
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

Q.21 If **UPTO** is coded as **PTUO**, how is **CANT** coded?

Question ID : **9888372957**
Status : **Answered**
Chosen Option : **2**

A. NCTA

B. ANCT

C. ANTC

D. NTCA

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Q.22 If "+" and "×" signs as well as "3" and "2" are interchanged, which of the one following is correct?

Question ID : **9888372961**
Status : **Answered**
Chosen Option : **1**

A. $4 + 2 \times 3 = 14$
B. $14 + 3 \times 2 = 4$
C. $4 + 2 \times 14 = 3$
D. $2 + 3 \times 4 = 14$

Ans
✓ 1. A
✗ 2. D
✗ 3. C
✗ 4. B

Q.23 Computers **cannot** work without:

Question ID : **9888372918**
Status : **Answered**
Chosen Option : **3**

A. Scanner

B. Internet

C. Mouse

D. CPU

Ans
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Q.24** If signs – and ×, and numbers 3 and 15 are interchanged, what is the value of

$3+12\div6-4\times15$ is

A. 20
B. 30
C. 40
D. 50

Question ID : **9888372960**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. D
✘ 3. C
✘ 4. B

**Q.25** Which is the correct inverted sequence (last to first) of Mughal Emperors who ruled the Indian Subcontinent?

A. Akbar, Shah Jahan, Aurangzeb, Bahadur Shah II
B. Aurangzeb, Bahadur Shah II, Shah Jahan, Akbar
C. Bahadur Shah II, Aurangzeb, Shah Jahan, Akbar
D. Akbar , Aurangzeb, Shah Jahan and Bahadur Shah II

Question ID : **9888372891**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

**Q.26** The median of the data $1, \frac{1}{2}, \frac{1}{2}, \frac{3}{4}, \frac{1}{4}, 2, \frac{1}{2}, \frac{1}{4}, \frac{3}{4}$ is:

A. $\frac{1}{4}$
B. $\frac{1}{2}$
C. $\frac{1}{6}$
D. $\frac{3}{4}$

Question ID : **9888372953**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. D
✘ 3. A
✔ 4. B

**Q.27** Who among the following participated in the 'Chittagong' armoury raid as part of freedom movement?

A. Ganesh Joshi
B. Kalpana Chawla
C. Ananta Waddedar
D. Preetilata Waddedar

Question ID : **9888372894**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. C
✘ 2. A
✘ 3. B
✔ 4. D

**Q.28**

Which of the following is used to detect current in a circuit?

A. Galvanometer

B. Anemometer

C. Barometer

D. Lactometer

Question ID : **9888372907**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

**Q.29** It has been possible to obtain potable (drinking) water from sewage water with the use of:

A. Ultrathin filter paper
B. Ultrathin sand paper
C. Polymer filter membranes with pores smaller than one millionth of a millimeter
D. Aerobic and anaerobic bacteria

Question ID : **9888372912**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.30** Choose the pair which is related in the same way as the words in the first pair from the given choices.

**NESTS : BIRDS :: _____ : LION**

A. DWELLING
B. BUSH
C. FOREST
D. DEN

Question ID : **9888372964**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

**Q.31** If "÷" denotes "subtraction", "-" denotes "addition", "+" denotes "multiplication" and "×" denotes "division", which of the following is the value of the expression

**182÷91×7+3-1**

A. 16
B. 24
C. 144
D. 150

Question ID : **9888372962**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.32** Divide Rs. 288 in the ratio 2:3:5:6. The rupees in the respective ratios are given by:

A. 36, 54, 91 & 107
B. 36, 54, 89 & 109
C. 36, 54, 90 & 108
D. 36, 55, 89 & 108

Question ID : **9888372933**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A

2. D

3. C

4. B

**Q.33** A shopkeeper cheats to the extent of 1% while buying and selling fruits, by using tampered weights. His total gain in percentage is:

A. 2.25
B. 2.01
C. 2.75
D. 2.5

Question ID : **9888372942**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. A
2. B
3. D
4. C

**Q.34** Given $w=-2, x=3, y=0$ & $z=-\frac{1}{2}$. Find the value of $2(w^2+x^2+y^2)$.

A. 26
B. -26
C. 25
D. 28

Question ID : **9888372944**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. B
2. A
3. D
4. C

**Q.35** Which of the following is NOT an application of Fiber optics?

A. Power Generation
B. Computer Networking
C. Sensors
D. Power Transmission

Question ID : **9888372914**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. C
2. B
3. D
4. A

**Q.36** Among the pairs of rivers given below, which flow in the southern part of India?

A. Krishna and Ganges
B. Kaveri and Godavari
C. Narmada and Tapi
D. Brahmaputra and Yamuna

Question ID : **9888372889**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. C
3. D
4. A

**Q.37**

Tom Hanks is associated with which of the following?

Question ID : **9888372902**
Status : **Not Attempted**
Chosen Option : **--**

A. Films
B. Sports
C. Music
D. Science

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

**Q.38** Which is the smallest planet in our solar system?

Question ID : **9888372920**
Status : **Answered**
Chosen Option : **2**

A. Mercury
B. Mars
C. Jupiter
D. Saturn

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Q.39** In 1969, who among the following was a part of the crew of spaceflight Apollo-XI?

Question ID : **9888372921**
Status : **Answered**
Chosen Option : **3**

A. Yuri Gagarin
B. Pete Conrad
C. Alan Shepard
D. Neil Armstrong

**Ans**
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

**Q.40** The order of rotational symmetry of a parallelogram is:

Question ID : **9888372949**
Status : **Not Attempted**
Chosen Option : **--**

A. 1
B. 4
C. 2
D. 0

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.41**

Which of the following technique is used to know the age of a tree in years?

A. Counting the number of branches
B. Counting the number of tree rings
C. Measuring the size of the bark
D. Counting the seasons of its flowering

Question ID : **9888372910**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

**Q.42** The village 'Lambanisingi' is an upcoming tourist attraction where temperature drops to zero or below zero in December and January. Lambanisingi is in:

A. Maharashtra
B. Uttarakhand
C. Andhra Pradesh
D. Haryana

Question ID : **9888372888**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.43** From the given series of jumbled letters separate the names of two parts of body and select from the given choices the first letters of the name of those parts of body.
"**duhelhesaord**"

A. SH
B. HL
C. EA
D. AS

Question ID : **9888372976**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.44** Compute of $1848 \div 231 - 10 = ?$

A. $2$
B. $-2$
C. $\frac{1848}{221}$
D. $\frac{1884}{221}$

Question ID : **9888372926**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.45**

Question ID : **9888372890**
Status : **Answered**
Chosen Option : **4**

A famous Shiva temple, Pashupatinath is in:

A. Burma

B. Bangladesh

C. Nepal

D. Tibet

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

---

**Q.46** Which of the following is at the second trophic level of a food chain?

Question ID : **9888372911**
Status : **Answered**
Chosen Option : **2**

A. Grass

B. Rats

C. Snake

D. Eagle

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

---

**Q.47** The mean of the data 3, 10, 10, 4, 7, 10, 5 is:

Question ID : **9888372952**
Status : **Answered**
Chosen Option : **3**

A. $\frac{18}{7}$

B. 7

C. $\frac{39}{7}$

D. 6

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

---

**Q.48** Interchanging which two signs will make the following equation correct?

$42 \div 4 + 2 - 3 \times 5 = 29$

Question ID : **9888372959**
Status : **Answered**
Chosen Option : **1**

A. + and ×

B. + and –

C. – and ×

D. ÷ and +

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B

✗ 4. C

**Q.49** Which of the following is NOT expected of a Golf Caddy?

A. Carrying the Golfer's Bag

B. Clearing dried grass of the field

C. Carrying the Golfer's Clubs

D. Calculate the yardage to the pin

Question ID : **9888372896**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.50** How is Anil related to Chetna if he introduced her as his mother's mother's only granddaughter's daughter?

A. Father
B. Maternal Uncle
C. Cousin
D. Grandfather

Question ID : **9888372968**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.51** The Government of India in the Month of November 2015 decided to allow foreign portfolio investors (FPIs) to increase stakes in local defence units to 49%. What was the earlier permissible rate?

A. 10%
B. 16%
C. 25%
D. 24%

Question ID : **9888372886**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

**Comprehension:**

The table below represents the number of Executives recruited by six different organization over the years. Read the table and answer the questions based on it.

| Organization | P | Q | R | S | T | U |
|---|---|---|---|---|---|---|
| 2010 | 458 | 512 | 418 | 502 | 476 | 492 |
| 2011 | 522 | 536 | 472 | 500 | 482 | 523 |
| 2012 | 480 | 495 | 464 | 508 | 488 | 518 |
| 2013 | 506 | 506 | 428 | 444 | 490 | 534 |
| 2014 | 427 | 485 | 422 | 512 | 510 | 498 |
| 2015 | 492 | 488 | 444 | 499 | 512 | 510 |

**SubQuestion No : 52**

Q.52 What is the total number of Executives recruited by all the organizations together in the year 2012?

A. 2864
B. 2953
C. 3042
D. 2927

Question ID : **9888372983**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Comprehension:**

The table below represents the number of Executives recruited by six different organization over the years. Read the table and answer the questions based on it.

| Organization | P | Q | R | S | T | U |
|---|---|---|---|---|---|---|
| 2010 | 458 | 512 | 418 | 502 | 476 | 492 |
| 2011 | 522 | 536 | 472 | 500 | 482 | 523 |
| 2012 | 480 | 495 | 464 | 508 | 488 | 518 |
| 2013 | 506 | 506 | 428 | 444 | 490 | 534 |
| 2014 | 427 | 485 | 422 | 512 | 510 | 498 |
| 2015 | 492 | 488 | 444 | 499 | 512 | 510 |

**SubQuestion No : 53**

Q.53 What is the average number of Executives recruited by organization S over all the years together (rounded off to the nearest integer)?

A. 494
B. 482
C. 514
D. 506

Question ID : **9888372982**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

**Comprehension:**

The table below represents the number of Executives recruited by six different organization over the years. Read the table and answer the questions based on it.

| Organization | P | Q | R | S | T | U |
|---|---|---|---|---|---|---|
| 2010 | 458 | 512 | 418 | 502 | 476 | 492 |
| 2011 | 522 | 536 | 472 | 500 | 482 | 523 |
| 2012 | 480 | 495 | 464 | 508 | 488 | 518 |
| 2013 | 506 | 506 | 428 | 444 | 490 | 534 |
| 2014 | 427 | 485 | 422 | 512 | 510 | 498 |
| 2015 | 492 | 488 | 444 | 499 | 512 | 510 |

**SubQuestion No : 54**

**Q.54** The number of Executives recruited by organization T in the year 2014 forms approximately, what percent of the total number of Executives recruited by all the organizations together in that year?

A. 11%
B. 18%
C. 31%
D. 26%

Question ID : **9888372984**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

**Q.55** A newborn human baby is fed with the first secretion called colostrum from mammary gland. What does colostrum impart?

A. Factors for growth
B. Immunity
C. Sleepiness
D. Nutrition for development

Question ID : **9888372917**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.56** Divya takes 4 hrs 45 minutes in walking a distance and riding back to same place where she started. She could walk both ways in 5 hrs 55 minutes. The time taken by her to ride back both ways is:

A. 3 hrs 35 min
B. 3 hrs 55 min
C. 3 hrs 45 min
D. 3 hrs 15 min

Question ID : **9888372938**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. D
✘ 2. B
✘ 3. C
✔ 4. A

**Q.57**

Question ID : **9888372901**
Status : **Answered**

About 93% of Tribal women cannot contest for the post of Sarpanch in Rajasthan as they are not educated enough. What are the educational qualifications necessary?

A. Minimum Qualification is Class 2
B. Minimum Qualification is Class 5
C. Minimum Qualification is Class 7
D. Minimum Qualification is Class 10

Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

**Q.58** Which is the correct ascending order of the given numbers?

A. $\frac{1}{2}, \frac{2}{3}, \frac{7}{12}$
B. $\frac{7}{12}, \frac{2}{3}, \frac{1}{2}$
C. $\frac{1}{2}, \frac{7}{12}, \frac{2}{3}$
D. $\frac{2}{3}, \frac{1}{2}, \frac{7}{12}$

Question ID : **9888372927**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✔ 2. C
✘ 3. A
✘ 4. B

**Q.59** In Jan 2016, who among the following was chosen as the new face for Incredible India Campaign?

A. Aamir Khan
B. Amitabh Bachchan
C. Shah Rukh Khan
D. Salman Khan

Question ID : **9888372903**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.60** Compute of $15872 / 32 / 4 = ?$

A. 142
B. 1984
C. 124
D. 1948

Question ID : **9888372925**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✔ 2. C
✘ 3. A
✘ 4. B

**Q.61**

Question ID : **9888372908**

Which of the following does NOT contribute to sparkling of Diamonds?

Status : **Answered**
Chosen Option : **2**

A. Total Internal Reflection
B. High Refractive Index of Diamonds
C. Dispersion
D. Low Refractive Index of Diamonds

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

---

**Q.62** In December 2015, which of the following was hailed as an important criteria for contesting Panchayat elections in Haryana?

Question ID : **9888372887**
Status : **Not Attempted**
Chosen Option : **--**

A. A functional toilet at home
B. Minimum education qualification for women is Class 3 pass
C. Exemption for Non-payment of arrears of electricity bill
D. Exemption for Non-payment of arrears of cooperative banks

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

---

**Q.63** Urbanization and unsustainable development in India raised several environmental concerns but NOT one among the following:

Question ID : **9888372899**
Status : **Answered**
Chosen Option : **4**

A. Deforestation
B. Soil degradation
C. Depletion of natural resources
D. Erratic monsoon

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

---

**Q.64** Karteek is twice as good a foreman as Raju and together they finish a piece of work in 20 days. In how many days will Raju alone finish the work?

Question ID : **9888372936**
Status : **Answered**
Chosen Option : **1**

A. 40
B. 60
C. 80
D. 50

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

---

**Q.65** **An assertion and a reason are given below.**

**Assertion**: It has been observed that buffaloes like to remain in the water during the summer.

**Reason**: Contact with water cools the body in the summer.

**Choose the answer.**

Question ID : **9888372987**
Status : **Answered**
Chosen Option : **3**

A. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
B. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
C. Both Assertion and Reason are false.
D. Assertion is true but Reason is false.

**Ans**
✗ 1. A
✗ 2. C

✔ 3. B

✘ 4. D

**Q.66** The variance of a set of data is 169. Then the standard deviation of the data is:

A. ±13

B. 13

C. 69

D. 84.5

Question ID : **9888372954**
Status : **Answered**
Chosen Option : **2**

**Ans**

✘ 1. D

✔ 2. B

✘ 3. C

✘ 4. A

**Q.67** Which acid is secreted by certain glandular cells in the stomach lining?

A. Hydrochloric

B. Ethanoic

C. Formic

D. Nitric

Question ID : **9888372909**
Status : **Answered**
Chosen Option : **3**

**Ans**

✘ 1. C

✘ 2. B

✔ 3. A

✘ 4. D

**Q.68** Smita is Aryan's maternal uncle's father's only daughter. How is Smita related to Aryan?

A. Mother

B. Sister

C. Paternal Aunt

D. Daughter

Question ID : **9888372967**
Status : **Answered**
Chosen Option : **1**

**Ans**

✔ 1. A

✘ 2. B

✘ 3. D

✘ 4. C

**Q.69** The cash difference between the selling price of an article at a profit of 2% and 16% is Rs. 3. The ratio of two selling prices is:

A. 51:58

B. 51:53

C. 57:58

D. 55:58

Question ID : **9888372943**
Status : **Answered**
Chosen Option : **3**

**Ans**

✘ 1. D

✘ 2. B

✔ 3. A

✘ 4. C

**Q.70**

Question ID : **9888372916**
Status : **Answered**
Chosen Option : **4**

Which of the following organ does NOT belong to human excretory system?

A. Kidneys
B. Ureters
C. Uterus
D. Urethra

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

---

**Q.71** To pinpoint a Criminal,Forensic Department uses the technique called?

Question ID : **9888372913**
Status : **Answered**
Chosen Option : **4**

A. DNA Editing
B. DNA Splicing
C. DNA Fingerprinting
D. DNA Amplification

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

---

**Q.72** Which among the following **cannot** be included among greenhouse gases?

Question ID : **9888372898**
Status : **Answered**
Chosen Option : **2**

A. Nitrous Oxide
B. Carbon Dioxide
C. Methane
D. Phosphine

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

---

**Q.73** Two vehicles start from a house with a speed of 25 km/hr at interval of 20 minutes. With how much more speed (km/hr) the woman coming from the opposite direction towards the house has to travel to meet the vehicles at an interval of 18 minutes?

Question ID : **9888372937**
Status : **Not Attempted**
Chosen Option : **--**

A. 2
B. $2\frac{5}{9}$
C. $2\frac{7}{9}$
D. $2\frac{8}{9}$

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

---

**Q.74**

Question ID : **9888372905**
Status : **Answered**
Chosen Option : **1**

What is the capital of Syria?

A. Damascus

B. Bahrein

C. Adis Ababa

D. Doha

**Ans**

✗ 1. B

✗ 2. D

✗ 3. C

✓ 4. A

---

**Q.75** Which of the following Newton's laws of motion can explain why a ball thrown at a wall rebounds?

A. 1st law of motion

B. 2nd law of motion

C. 3rd law of motion

D. Neither of the laws

Question ID : **9888372906**
Status : **Answered**
Chosen Option : **4**

**Ans**

✓ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

---

**Q.76** Santosh Trophy is associated with which of the following sports?

A. Cricket

B. Football

C. Hockey

D. Basket ball

Question ID : **9888372897**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. D

✓ 2. B

✗ 3. C

✗ 4. A

---

**Q.77** Which out of the following is **not** a launch vehicle of India for placing satellites in the orbit?

A. PSLV

B. GSAT – 8

C. GSLV

D. Ariane SGS

Question ID : **9888372922**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. D

✗ 2. A

✗ 3. C

✓ 4. B

---

**Q.78**

Question ID : **9888372985**
Status : **Answered**
Chosen Option : **3**

**An assertion and a reason are given below.**

**Assertion**: When velocity is kept constant and wavelength is halved, then the frequency is doubled.

**Reason**: Velocity = Frequency × Wavelength.

**Choose the answer.**

A. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
C. Both Assertion and Reason are false.
D. Assertion is true but Reason is false.

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

---

**Q.79** Which among the following is a **mismatched** pair of religion practiced and its holy book?

A. Islam : Quran
B. Sikhism : Guru Granth Saheb
C. Jainism : Upanishad
D. Christianity : Bible

Question ID : **9888372900**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

---

**Q.80** Which of the following awards is Sachin Tendulkar NOT awarded with?

A. Bharat Ratna
B. Dhyan Chand Award
C. Padma Vibhushan
D. Rajiv Gandhi Khel Ratna

Question ID : **9888372895**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Comprehension:**

**Read the data given below and answer the questions based on it.**

In the CBSE Board exams last year, 53% passed in Biology, 61% percent passed in English, 60% in Social Studies, 24% in Biology and English, 35% in English and Social Studies, 27% in Biology and Social Studies and 5% in none.

**SubQuestion No : 81**

**Q.81** What is the ratio of percentage of students who passed in Biology and Social Studies but not English in relation to the percentage of students who passed in Social Studies and English but not Biology?

A. 5:7
B. 7:5
C. 4:5
D. 5:4

Question ID : **9888372980**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

**Comprehension:**

**Read the data given below and answer the questions based on it.**

In the CBSE Board exams last year, 53% passed in Biology, 61% percent passed in English, 60% in Social Studies, 24% in Biology and English, 35% in English and Social Studies, 27% in Biology and Social Studies and 5% in none.

**SubQuestion No : 82**

**Q.82** If the number of students in the class is 200, how many passed in only one subject?

A. 48
B. 46
C. More than 50
D. Less than 40

Question ID : **9888372979**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Comprehension:**

**Read the data given below and answer the questions based on it.**

In the CBSE Board exams last year, 53% passed in Biology, 61% percent passed in English, 60% in Social Studies, 24% in Biology and English, 35% in English and Social Studies, 27% in Biology and Social Studies and 5% in none.

**SubQuestion No : 83**

**Q.83** What is the percentage of students who passed in all subjects?

A. 8
B. 12
C. 7
D. 10

Question ID : **9888372978**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

---

**Q.84** Mr. Joshi sold a bus for Rs. 5100 with a loss of 15%. At what price should the bus be sold to get a profit of 15%?

A. 6400
B. 6800
C. 7000
D. 6900

Question ID : **9888372941**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

---

**Q.85** The length of a diagonal in Cms of a rectangle of length 5 Cm and width 6 Cm is:

A. $\sqrt{61}$
B. $\pm\sqrt{61}$
C. $\sqrt{11}$
D. $\pm\sqrt{11}$

Question ID : **9888372948**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

**Q.86** How is Poonam related to Virat if he introduced her as his mother's father's only daughter's only daughter-in-law?

A. Wife
B. Daughter
C. Maternal Aunt
D. Paternal Aunt

Question ID : **9888372969**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. D

✗ 2. B

✓ 3. A

✗ 4. C

**Q.87** A pile of book kept on the table will not be dislodged due to:

A. Inertia
B. Momentum
C. Magnetism
D. Gravity

Question ID : **9888372923**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. D

✓ 2. A

✗ 3. C

✗ 4. B

**Q.88** **An assertion and a reason are given below.**

**Assertion**: One should not take medicines without a prescription.

**Reason**: Taking medicines without prescription is dangerous because only doctor knows the actual components in a medicine and the possible side effects of taking the medicine.

**Choose the answer.**

A. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
C. Both Assertion and Reason are false.
D. Assertion is true but Reason is false.

Question ID : **9888372986**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. C

✗ 2. B

✗ 3. D

✓ 4. A

**Q.89**

Question ID : **9888372928**
Status : **Answered**
Chosen Option : **1**

Correct expression of $0.12\overline{636}$ =?

A. $\frac{139}{1100}$

B. $126\frac{36}{1000}$

C. $\frac{139}{2200}$

D. $126\frac{36}{10000}$

**Ans**
✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

---

**Q.90** One of the following is not among the revolutionaries of Freedom Movement hanged by the British.

A. Bhagat Singh
B. Rajguru
C. Sukhdev
D. Chandra Shekhar Azad

Question ID : **9888372893**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. B
✔ 3. D
✘ 4. C

---

**Q.91** A water tan has two holes. The 1st hole alone makes the tan empty in 3 minutes and 2nd hole alone makes the tan empty in 5 minutes. If water leaks out at a constant rate, how long in minutes does it take if both the holes together empty the tan?

A. $\frac{7}{8}$
B. $2\frac{7}{8}$
C. $1\frac{5}{8}$
D. $1\frac{7}{8}$

Question ID : **9888372935**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. C
✘ 4. A

---

**Q.92** Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

**Statements**:
A. Some businessmen are rich.
B. Birla is rich.

**Conclusions**:
I. Birla is a businessman.
II. Birla has a big farm.

**Choose which of the given conclusions logically follow(s) from the given statements.**

A. Only conclusion II follows.
B. Only conclusion I follows.
C. Neither I nor II follows.
D. Both I and II follow.

Question ID : **9888372974**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. B
✔ 2. C

✗ 3. D

✗ 4. A

**Q.93** A satellite airtime bill costs Rs. 8 for 5 minutes 40 seconds. What is the cost in rupees for 4 minutes 20 seconds? (Round upto one decimal).

A. 6.1
B. 6
C. 6.2
D. 6.3

Question ID : **9888372934**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. D

✓ 2. A

✗ 3. C

✗ 4. B

**Q.94** If $Sin\ x = \frac{4}{5}$, then $1 + Tan^2\ x =$

A. $\frac{9}{25}$

B. $\frac{25}{16}$

C. $\frac{4}{25}$

D. $\frac{25}{9}$

Question ID : **9888372950**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. A

✓ 2. D

✗ 3. C

✗ 4. B

**Q.95** To enlarge their hold over India, many wars were fought between British and Indians but NOT one of the following.

A. Anglo-Maratha
B. Anglo-Sikh
C. Anglo-Mysore
D. Anglo-Bangla

Question ID : **9888372892**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✗ 1. B

✗ 2. A

✗ 3. C

✓ 4. D

**Q.96** Which of the following is NOT a storage device?

A. Hard Disk
B. CD ROM
C. Flash Drive
D. Modem

Question ID : **9888372919**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. C

✗ 2. A

3. B

4. D

**Q.97** Choose the pair which is related in the same way as the words in the first pair from the given choices.

**PIGEON : PEACE :: WHITE FLAG : _____**

A. FRIENDSHIP
B. VICTORY
C. SURRENDER
D. WAR

Question ID : **9888372965**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. B
2. D
3. C
4. A

**Q.98** Ms. Sushmitha borrowed Rs. 900 at 6% per annum simple interest. What amount will she pay to clear her debt after 4 years?

A. 261
B. 1161
C. 1116
D. 216

Question ID : **9888372939**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. D
2. B
3. A
4. C

**Q.99** Choose the pair which is related in the same way as the words in the first pair from the given choices.

**HILL : MOUNTAIN :: STREAM : _____**

A. CANAL
B. GLACIER
C. RIVER
D. DAM

Question ID : **9888372966**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. B
2. A
3. C
4. D

**Q.100** Choose the pair which is related in the same way as the words in the first pair from the given choices.

**BACTERIA : ILLNESS:: _____ : _____**

A. MEDICINE : GERMS
B. CALCIUM : BONE
C. KNIFE : LACERATION
D. FLOOD : DAM

Question ID : **9888372963**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. A
2. C
3. D
4. B

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

RRB NTPC 27th April 2016 Shift 1

| | |
|---|---|
| Roll No: | |
| Participants Name: | |
| Test Center Name: | |
| Test Date: | 27/04/2016 |
| Test Time: | 9:00 AM 10:30 AM |
| Subject: | RRB NTPC Graduate |

1. Options shown in green color with a tick icon are correct
2. Chosen option on top right of the question indicates the option selected by the candidate

Q.1 Who along with Bhagat Singh, was the main accused in Assembly Bomb Case?

A. Ram Prasad Bismil
B. Ashafaqulla
C. Surya Sen
D. Batukeshwar Dutta

Question ID : 9888373013
Status : Not Attempted and Marked For Review
Chosen Option :

Ans
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

Q.2 In the Union Budget 2015-16, two new IIMs will be opened in which of the following states?

A. Jammu & Kashmir, Punjab
B. Andhra Pradesh, Punjab
C. Andhra Pradesh, Jammu & Kashmir
D. Jammu & Kashmir, Bihar

Question ID : 9888372996
Status : Not Attempted
Chosen Option :

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

Q.3 CDM stands for:

A. Clean Development Mechanism
B. Carbon Degeneration Mechanism
C. Carbon Degeneration Mission
D. Cash Deposit Mechanism

Question ID : 9888373027
Status : Not Attempted
Chosen Option :

Ans
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

Q.4

R is P's father's nephew. S is P's cousin but not the brother of R. How is S related to R?

A. Father
B. Sister
C. Mother
D. Aunt

Question ID : 9888373070
Status : Not Attempted
Chosen Option :

Ans
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

Q.5 Which Indian city is known as "The City Of Pearls" as once it was the only global center of large diamonds and natural pearls made?

A. Hyderabad
B. Jodhpur
C. Amdavad (Ahmedabad)
D. Chennai

Question ID : 9888372995
Status : Answered
Chosen Option : 2

Ans
✘ 1. C
✔ 2. A
✘ 3. D
✘ 4. B

Q.6 On selling rice for Rs. 45 per kg, a shopkeeper bears loss of 20%. To earn a profit of 20%, the selling price should be:

A. Rs. 67.50
B. Rs. 65
C. Rs. 70
D. Rs. 60

Question ID : 9888373045
Status : Not Attempted
Chosen Option :

Ans
✘ 1. B
✘ 2. D
✔ 3. A
✘ 4. C

Q.7 Read the statement and select a conclusion out of the given alternatives.

**Statement**: Most garments in that shop are expensive.

A. There are no cheap garments available in that shop.
B. Handloom garments in that shop are cheap.
C. There are cheap garments also in that shop.
D. Some garments in that shop are expensive.

Question ID : 9888373090
Status : Answered
Chosen Option : 2

Ans
✘ 1. A
✔ 2. C
✘ 3. B
✘ 4. D

Q.8

Question ID : 9888373067
Status : Answered
Chosen Option : 1

Choose the figure which is different from the rest three.

(1) (2) (3) (4)

A. 1

B. 2

C. 3

D. 4

Ans
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

Q.9 Shivam Industries installed a flour mill for Rs. 300,000 five years ago. If the fixed annual rate of depreciation is 5% and they sold the mill for Rs. 250,000, their gain/loss % is?

A. No Gain - No loss
B. Loss, 10%
C. Gain, 12.5%
D. Gain, 10.0%

Question ID : 9888373046
Status : Not Attempted
Chosen Option :

Ans 1. B
2. D
3. C
4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

Q.10 Zeatin is produced in _____and transported to _____ in the xylem where it promotes cell division.

A. Shoots, Roots
B. Roots, Shoots
C. Stems, Leaves
D. Leaves, Stems

Question ID : 9888373007
Status : Not Attempted
Chosen Option :

Ans
✘ 1. C
✘ 2. A
✔ 3. B
✘ 4. D

Q.11 Which of the following term is associated with Hockey?

A. Faceoff
B. Kickoff
C. Offside
D. Bodyline

Question ID : 9888372999
Status : Not Attempted
Chosen Option :

Ans
✔ 1. A
✘ 2. D
✘ 3. C
✘ 4. B

Q.12 Who among the following was not a chief minister before he/she became the Prime Minister of India?

A. Morarji Desai
B. Charan Singh
C. Indira Gandhi
D. V.P.Singh

Question ID : 9888373002
Status : Answered
Chosen Option : 3

Ans
1. A
2. B
3. C
4. D

Q.13 Which country topped the list on "World Happiness Index", 2015 published by the Sustainable Development Solutions Network (SDSN)?

A. Bhutan
B. Switzerland
C. Iceland
D. Norway

Question ID : 9888372998
Status : Answered
Chosen Option : 4

Ans
1. B
2. D
3. A
4. C

Q.14 Mecca Masjid, Hyderabad was completed by:

A. Muhammad Quli Qutb Shah
B. Jahangir
C. Qutb Shahi
D. Aurangzeb

Question ID : 9888373009
Status : Not Attempted
Chosen Option :

Ans
1. C
2. B
3. D
4. A

Q.15 If $A+B=90^0$ and $\cos B=1/3$; then the value of sinA is:

A. 1/2
B. 1/4
C. 1/3
D. 2/3

Question ID : 9888373054
Status : Answered
Chosen Option : 1

Ans
1. C
2. B
3. D
4. A

Q.16

Question ID : 9888373004
Status : Answered
Chosen Option : 1

Which among them is the largest network in terms of area?

A. MAN
B. WAN
C. Intranet
D. Internet

Ans
1. A
2. D
3. B
4. C

Q.17 _____ are the most intelligent mammals on earth.

A. Dolphins
B. Elephants
C. Deer
D. Hippos

Question ID : 9888373008
Status : Answered
Chosen Option : 3

Ans
1. D
2. B
3. A
4. C

Q.18 Four pair of words are given below out of which three are alike in some manner and one pair is different. Which is different from the rest?

A. Coins : Numismatics
B. Stamps : Philhumenist
C. Books : Bibliophilist
D. Post cards : Deltiologist

Question ID : 9888373069
Status : Not Attempted
Chosen Option :

Ans
1. C
2. A
3. B
4. D

Q.19 If $x^2 = 25^2 - 15^2$, then find the value of x.

A. 40
B. 50
C. 20
D. 25

Question ID : 9888373049
Status : Answered
Chosen Option : 3

Ans
1. B
2. A
3. C
4. D

Q.20 _____enacted during an emergency imposed by Mrs. Indira Gandhi, is also known as mini constitution because of important & large number of changes made to it.

A. 42nd Amendment Act
B. 44th Amendment Act
C. 74th Amendment Act
D. 73rd Amendment Act

Question ID : 9888373003
Status : Answered
Chosen Option : 2

Ans
1. D
2. A
3. C
4. B

Q.21 In a certain code language, if **SIGN** is coded as **8367** and **DIRECT** is coded as **134259**, then **SIREN** will be coded as?

A. 83472
B. 84327
C. 83247
D. 83427

Question ID : 9888373058
Status : Answered
Chosen Option : 3

Ans
1. A
2. C
3. D
4. B

Q.22 Which of the following is not true about Frictional force?

A. Friction is the force which opposes the relative motion of two surfaces in contact.
B. The force of friction that acts when a body is moving (sliding) on a surface is called sliding friction.
C. Friction in machines wastes energy and also causes wear and tear.
D. Rolling friction is much more than sliding friction, the use of ball bearings in a machine considerably reduces friction.

Question ID : 9888372990
Status : Not Attempted
Chosen Option :

Ans
1. D
2. A
3. C
4. B

Q.23 In which year did Ole Romer measure the speed of light for the first time in the history?

A. 1776
B. 1676
C. 1876
D. 1867

Question ID : 9888373017
Status : Not Attempted
Chosen Option :

Ans
1. A
2. D
3. B
4. C

Q.24 Calculate the simple interest if Rs. 1800 is invested for 10 years at a rate of 5% per annum.

A. Rs. 900
B. Rs. 450
C. Rs. 1800
D. Rs. 2700

Question ID : 9888373043
Status : Answered
Chosen Option : 1

Ans
1. A
2. B
3. C
4. D

Q.25

Question ID : 9888373010
Status : Answered
Chosen Option : 4

Indira Gandhi National Centre for the Arts is headquartered at:

A. New Delhi
B. Kolkata
C. Lucknow
D. Mumbai

Ans
1. B
2. D
3. C
4. A

Q.26 Find out the greatest four digit number when divided by 8, 12, 16 leaves 2 as remainder in every case?

A. 9984
B. 9985
C. 9986
D. 9987

Question ID : 9888373035
Status : Not Attempted
Chosen Option :

Ans
1. B
2. C
3. D
4. A

Q.27 Where did the Indian Independence League form in 1907?

A. Surat
B. Calcutta
C. California
D. Berlin

Question ID : 9888373014
Status : Not Attempted
Chosen Option :

Ans
1. A
2. C
3. D
4. B

Q.28 A loan of Rs. 305 was taken at a certain rate per annum of compound interest, for 3 years. After three years the amount repaid was Rs. 670, calculate the rate of compound Interest.

A. 30%
B. 35%
C. 33%
D. 25%

Question ID : 9888373042
Status : Not Attempted
Chosen Option :

Ans
1. C
2. B
3. A
4. D

Q.29 Pankaj Advani clinched his 13th World title after winning the World 6-Red Snooker Championship by defeating _____ of China.

A. Li Hang
B. Chen Zhe
C. Yan Bingtao
D. Lu Ning

Question ID : 9888373001
Status : Not Attempted
Chosen Option :

Ans
1. C
2. A

✗ 3. D

✗ 4. B

Q.30 Acid Rain has pH value of

A. 5.5 or less

B. 12.5 or more

C. 10.5 or more

D. 8.5 or more

Question ID : 9888373026
Status : Not Attempted
Chosen Option :

Ans
✓ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

Q.31 Read the statements and select a conclusion from the given alternatives:

**Statement**:

All the tablas are instruments.

All instruments are pianos.

**Conclusion**:

I. All the pianos are instruments.

II. All the tablas are pianos.

A. Only I conclusion follows

B. Only II conclusion follows

C. Either I or II follows

D. Neither I nor II follows

Question ID : 9888373077
Status : Answered
Chosen Option : 3

Ans
✗ 1. C

✗ 2. D

✓ 3. B

✗ 4. A

Q.32 First human who got married in space is:

A. Yuri Denver

B. Yuri Johnson

C. Yuri Malenchenko

D. David Malenchenk

Question ID : 9888373024
Status : Not Attempted
Chosen Option :

Ans
✗ 1. A

✗ 2. D

✓ 3. C

✗ 4. B

Q.33

Question ID : 9888373019
Status : Not Attempted

What is the name of ecologically clean rocket developed by Russia based space research center?

A. Angara
B. Vostok
C. Korolev
D. Luna

Chosen Option :

Ans
1. C
2. A
3. D
4. B

Q.34 The factors of $x^2+8x+12$ are:

A. (x+6) (x+2)
B. (x-6) (x+2)
C. $(x-4)^2$
D. (x+6) (x-2)

Question ID : 9888373048
Status : Answered
Chosen Option : 2

Ans
1. B
2. A
3. C
4. D

Q.35 Insert the missing character marked as '?'.

| | | |
|---|---|---|
| 18 | 24 | 32 |
| 12 | 14 | 16 |
| 3 | ? | 4 |
| 72 | 112 | 128 |

A. 2
B. 3
C. 4
D. 5

Question ID : 9888373064
Status : Not Attempted
Chosen Option :

Ans
1. D
2. B
3. C
4. A

Q.36 The International Cricket Council (ICC), the international governing body of Cricket founded in 1909 by representatives from England, Australia and South Africa, was initially known as:

A. International Cricket Conference
B. International Cricket Council
C. Imperial Cricket Council
D. Imperial Cricket Conference

Question ID : 9888373000
Status : Not Attempted
Chosen Option :

Ans
1. B
2. A
3. D

4. C

Q.37 **Read the information and answer the question based on it.**

In an examination, a student gets an average of 76.2 marks. The total marks for the five subjects are 500. His marks in 4 subjects are mentioned; calculate the marks obtained by the students in Social science marked as "x" in the table below.

| Subject | Maths | English | Sanskrit | Science | Social Science |
|---|---|---|---|---|---|
| Marks Obtained | 76 | 87 | 83 | 78 | x |

A. 60
B. 58
C. 57

Question ID : 9888373055
Status : Answered
Chosen Option : 1

Ans 1. C

2. D

3. B

4. A

Q.38 In a right-angled triangle, the hypotenuse is 4 cm longer than the perpendicular which is 4 cm longer than the base. Calculate the length of the hypotenuse.

A. 12 cm
B. 10 cm
C. 20 cm

Question ID : 9888373050
Status : Answered
Chosen Option : 2

Ans 1. C

2. A

3. B

4. D

Q.39 By selling 33m clothes, a person gains cost price of 11m clothes. Find the gain %.

A. 30%
B. 33.33%
C. 25%
D. 35%

Question ID : 9888373044
Status : Answered
Chosen Option : 3

Ans 1. C

2. D

3. B

4. A

Comprehension:

**Answer the questions based on the following bar chart:**

The following bar chart shows the trends of mutual funds investments into India from all over the world.

SubQuestion No : 40

Q.40 What was absolute difference in the mutual funds investments to India in between 1996 and 1997?

A. 7.29
B. 7.13
C. 8.13
D. 7.77

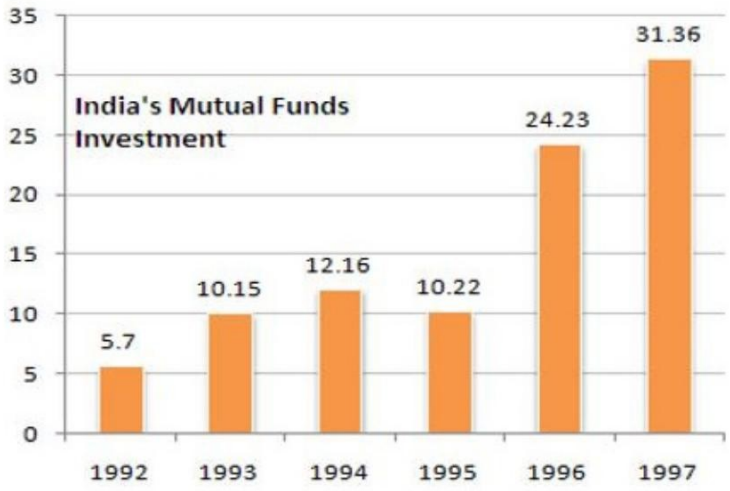
Question ID : 9888373085
Status : Not Attempted and Marked For Review
Chosen Option :

Ans
1. D
2. C
3. A
4. B

Comprehension:

**Answer the questions based on the following bar chart:**

The following bar chart shows the trends of mutual funds investments into India from all over the world.




SubQuestion No : 41

Q.41 If India mutual funds investments from countries was proportionately the same in 1992 and 1997 as the total mutual funds investments from all over the world and if the mutual funds investments in 1992 from the countries was Euro 2 million. What was the amount of mutual funds investments from the countries in 1997?

A. 11
B. 0.72
C. 11.28
D. 11.5

Question ID : 9888373086
Status : Not Attempted and Marked For Review
Chosen Option :

Ans
1. A
2. B
3. C
4. D

Comprehension:

**Answer the questions based on the following bar chart:**

The following bar chart shows the trends of mutual funds investments into India from all over the world.

SubQuestion No : 42

Q.4 Which year exhibited the highest growth in mutual funds investments in India over the period shown?

2

A. 1993
B. 1994
C. 1995
D. 1996

Question ID : 9888373087
Status : Not Attempted and Marked For Review
Chosen Option :

Ans
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

Q.43 What is the ratio of radius of incircle and circumcircle for an equilateral triangle with an area of $22\sqrt{3}$ square units?

A. 1/2
B. 1/4
C. 1/3
D. 2/3

Question ID : 9888373052
Status : Not Attempted
Chosen Option :

Ans
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

Q.44 If in a certain language, **STRING** is coded as **TSIRGN**, how is **RANDOM** coded in that code?

A. ANRDMO
B. ARDONM
C. ARDNMO
D. ADRONM

Question ID : 9888373061
Status : Answered
Chosen Option : 1

Ans
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

Q.45 The average of 5 consecutive numbers is 50, then difference between "product of largest and smallest number" with "product of fourth and second number" is:

A. 3
B. -3
C. 0
D. 10

Question ID : 9888373057
Status : Answered
Chosen Option : 4

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

Q.46 "Group of Monuments at Mahabalipuram one of the "UNESCO World Heritage Site" founded by the Pallava kings is in _____district of _____.

A. Thanjavur, Tamil Nadu
B. Kancheepuram, Tamil Nadu
C. Sivagangai, Tamil Nadu
D. Nilgiris, Tamil Nadu

Question ID : 9888372994
Status : Answered
Chosen Option : 1

Ans
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

Q.47 Insert the missing character marked as '?'.

| | | |
|---|---|---|
| 13 | 12 | 5 |
| 17 | 15 | 8 |
| 25 | 24 | ? |
| 29 | 21 | 20 |

A. 7
B. 9
C. 15
D. 11

Question ID : 9888373065
Status : Answered
Chosen Option : 1

Ans
✗ 1. D
✗ 2. C
✗ 3. B
✓ 4. A

Q.48 In a certain code language, if **COTTON** is coded as **325526** and **WOOLEN** is coded as **122976**, then **TOWEL** will be coded as?

A. 12579
B. 21795
C. 52179
D. 79125

Question ID : 9888373059
Status : Answered
Chosen Option : 3

Ans
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

Q.49

Question ID : 9888373029
Status : Answered

The value of $\sqrt{0.0144}$ is:

A. 0.12
B. 0.012
C. 1.2
D. 0.0012

Chosen Option : 4

Ans
✔ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

Q.50 Calculate the sum of squares from 1 to 9.

A. 284
B. 285
C. 385
D. 380

Question ID : 9888373030
Status : Answered
Chosen Option : 1

Ans
✔ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

Q.51 Atmosphere of Venus mostly contains which of the following gases?

A. Nitrogen
B. Hydrogen
C. Oxygen
D. Carbon dioxide

Question ID : 9888373025
Status : Not Attempted
Chosen Option :

Ans
✗ 1. A
✗ 2. B
✔ 3. D
✗ 4. C

Q.52 Aaton Van Leewen Hock is famous for the discovery of _____.

A. Microscope
B. Nylon
C. Laser
D. Radio valve

Question ID : 9888373018
Status : Answered
Chosen Option : 4

Ans
✗ 1. B
✗ 2. C
✗ 3. D
✔ 4. A

Q.53

Question ID : 9888373040
Status : Not Attempted

A thief drives his motorcycle at a speed of x km/hr. The Policemen started chasing him in a jeep after 4 hours and catches in 4 hours. If the average speed of jeep of policemen is 40 km/hr, then calculate the speed in km/hr for the thief's motorcycle?

A. 30
B. 36
C. 45
D. 0

Chosen Option :

Ans
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

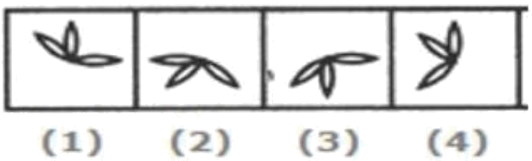
Q.54 A map is drawn at a scale of 2 mm for 500 kms. Two places are marked at the distance of 3.6 mm; calculate the distance (in kms.) between these two places?

A. 900
B. 800
C. 750
D. 960

Question ID : 9888373036
Status : Answered
Chosen Option : 2

Ans
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

Q.55 Choose the figure which is different from the rest three.



(1) (2) (3) (4)

A. 1
B. 2
C. 3
D. 4

Question ID : 9888373066
Status : Not Attempted
Chosen Option :

Ans
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

Q.56 _____often referred to as shock treatment, is a psychiatric treatment in which seizures are electrically induced in patients to provide relief from psychiatric illnesses.

A. Electromyography (EMG)
B. Electrocardiogram (ECG)
C. Electroencephalography (EEG)
D. Electroconvulsive therapy (ECT)

Question ID : 9888373016
Status : Answered
Chosen Option : 2

Ans
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

Q.57

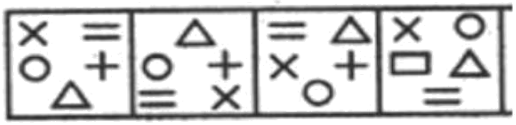
Question ID : 9888373034
Status : Answered
Chosen Option : 1

Find out the LCM of $3^5$, $3^{11}$, $3^{-11}$ and $3^{14}$__

A. $3^5$
B. $3^{11}$
C. $3^{-11}$
D. $3^{14}$

Ans
1. D
2. A
3. B
4. C

Q.58 Choose the figure which is different from the rest three.



(1) (2) (3) (4)

A. 1
B. 2
C. 3
D. 4

Question ID : 9888373068
Status : Not Attempted
Chosen Option :

Ans
1. D
2. B
3. A
4. C

Q.59 What is the measure of temperature considered as normal in human body?

A. 95 degree F
B. 97 degree F
C. 98.6 degree F
D. 96.8 degree F

Question ID : 9888373021
Status : Answered
Chosen Option : 1

Ans
1. B
2. D
3. C
4. A

Q.60 If $x - \sqrt{x} = 20$; Find the value of $\sqrt{x}$.

A. 5
B. 6
C. 8
D. 7

Question ID : 9888373047
Status : Not Attempted
Chosen Option :

Ans
1. D

2. B

3. C

4. A

Q.61 What is the present Personal Income Tax exemption limit for male individuals below 60 years of age & HUF (FY2015-16)?

A. Rs. 2.5 lakhs
B. Rs. 3 lakhs
C. Rs. 1.5 lakhs
D. Rs. 4 lakhs

Question ID : 9888372997
Status : Answered
Chosen Option : 2

Ans
1. B
2. C
3. A
4. D

Q.62 _____is used to control the fission reaction rate in nuclear reactor as it absorbs neutron without itself getting into fissioning.

A. Heavy water.
B. Graphite
C. Water
D. nium

Question ID : 9888372991
Status : Answered
Chosen Option : 2

Ans
1. A
2. D
3. B
4. C

Q.63 Insert the missing character marked as '?'.

| | | |
|---|---|---|
| 3 | 15 | 4 |
| 7 | 38 | 5 |
| 3 | ? | 5 |

A. 15
B. 18
C. 19
D. 20

Question ID : 9888373062
Status : Answered
Chosen Option : 4

Ans
1. C
2. D
3. A
4. B

Q.64 A man can row his boat at speed of 4 km/hr and he finds that the time taken rowing upstream is double to that taken downstream. Find the speed of the stream (in km/hr).

A. 1.5
B. 1.3
C. 2
D. 1

Question ID : 9888373041
Status : Answered
Chosen Option : 3

Ans
1. D
2. A
3. B

✗ 4. C

Q.65 Insert the missing character marked as '?'.

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 11 | 7 | 5 |
| 120 | 45 | ? |

A. 19
B. 17
C. 16
D. 15

Question ID : 9888373063
Status : Answered
Chosen Option : 3

Ans
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

Q.66 Read the statements and select a conclusion from the given alternatives:

**Statement**:

Some mats are brooms.
All the pencils are brooms

**Conclusion**:

I. Some brooms are pearls.
II. Some brooms are mats.

A. Only I conclusion follows
B. Only II conclusion follows
C. Either I or II follows
D. Neither I nor II follows

Question ID : 9888373079
Status : Not Attempted
Chosen Option :

Ans
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

Q.67 Read the statement and select a conclusion out of the given alternatives.

**Statement**: An industry worker has four children. No one else in the industry has four children.

A. All workers in the industry have four children each.
B. Everybody in the industry has children.
C. Some of the industry workers have more than four children.
D. Only one worker in the industry has exactly four children.

Question ID : 9888373088
Status : Answered
Chosen Option : 4

Ans
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

Q.68 Calculate the difference between the squares of the largest and smallest two-digit prime numbers.

A. 9298
B. 9892
C. 9292
D. 9288

Question ID : 9888373031
Status : Answered
Chosen Option : 1

Ans
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

Q.69 The average weight of 30 students in a class is 25 kgs. If the weight of the class teacher is added, the average weight increase by 2 kgs. The weight of the class teacher (in kgs) is:

A. 86
B. 84
C. 81
D. 87

Question ID : 9888373056
Status : Answered
Chosen Option : 3

Ans
✘ 1. B
✘ 2. A
✔ 3. D
✘ 4. C

Q.70 The huge storm known as Great red spot is associated with which planet?

A. Mars
B. Venus
C. Pluto
D. Jupiter

Question ID : 9888373023
Status : Not Attempted
Chosen Option :

Ans
✘ 1. B
✘ 2. A
✘ 3. C
✔ 4. D

Comprehension:

**Read the information carefully and answer the following questions:**

Six girls are sitting in a circle facing to the centre of the circle. They are Priya, Neha, Rashmi, Sonali, Tina and Veera. Tina is not between Neha and Sonali but some other one. Priya is next to the left of Veera. Rashmi is 4th to the right of Priya.

SubQuestion No : 71

Q.71 Which one is sitting just right to Veera?

A. Priya
B. Tina
C. Rashmi
D. Sonali

Question ID : 9888373076
Status : Not Attempted
Chosen Option :

Ans
✘ 1. A
✘ 2. D
✘ 3. C
✔ 4. B

Comprehension:

**Read the information carefully and answer the following questions:**

Six girls are sitting in a circle facing to the centre of the circle. They are Priya, Neha, Rashmi, Sonali, Tina and Veera. Tina is not between Neha and Sonali but some other one. Priya is next to the left of Veera. Rashmi is 4th to the right of Priya.

SubQuestion No : 72

Q.72 What is the position of Tina?

A. Just next to the right of Neha

B. Second to the left of Priya

C. Between Neha and Rashmi

D. To the immediate right of Veera

Question ID : 9888373075
Status : Not Attempted
Chosen Option :

Ans
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

Comprehension:

**Read the information carefully and answer the following questions:**

Six girls are sitting in a circle facing to the centre of the circle. They are Priya, Neha, Rashmi, Sonali, Tina and Veera. Tina is not between Neha and Sonali but some other one. Priya is next to the left of Veera. Rashmi is 4th to the right of Priya.

SubQuestion No : 73

Q.73 If Priya and Rashmi interchange their positions then which of the following pair will sit together?

A. Rashmi & Tina
B. Priya & Veera
C. Veera & Tina
D. Neha & Veera

Question ID : 9888373074
Status : Not Attempted
Chosen Option :

Ans 1. B
2. A
3. D
4. C

Note: For this question, discrepancy is found in question/answer. So, Thi s question is ignored for all candidates.

Q.74 Read the statements and select a conclusion from the given alternatives:

**Statement:**

Some doctors are kings.

All the kings are handsome.

**Conclusion:**

I. All the doctors are handsome

II. All the kings are doctors.

A. Only I conclusion follows
B. Only II conclusion follows
C. Either I or II follows
D. Neither I nor II follows

Question ID : 9888373078
Status : Not Attempted
Chosen Option :

Ans
1. C
2. D
3. B
4. A

Q.75 Winner of 2015 "United Nations Champions of the Earth" award in the category Policy Leadership is_____.

A. Sheikh Hasina
B. Paul Polman
C. Narendra Modi
D. Barack Obama

Question ID : 9888372992
Status : Not Attempted
Chosen Option :

Ans
1. A
2. C
3. B
4. D

Q.76 Manish, Mukesh and Sachin are Accountants. Mukesh can file a return in 5 hours and Sachin in 4 hours alone. All three together can do it in 2 hours. In what time (in hrs.) will Manish do the work?

A. 15
B. 20
C. 17
D. 10

Question ID : 9888373039
Status : Answered
Chosen Option : 2

Ans
1. C
2. B
3. A
4. D

Q.77 Who has recently been appointed as the Chief of New Development Bank of BRICS country, has also served as the chairman of Infosys Ltd., and was non- Executive chairman of ICICI Bank in the past?

A. K.V.Kamath
B. Nandan Nilekani
C. Azim Premji
D. Chanda Kochhar

Question ID : 9888372993
Status : Not Attempted
Chosen Option :

Ans
1. B
2. C
3. A
4. D

Q.78 _____are atoms/molecules/ions containing the same number of electrons.

A. Isotones
B. Isotopes
C. Isoelectronic
D. Valence Isoelectronic

Question ID : 9888372988
Status : Answered
Chosen Option : 4

Ans
1. C
2. A
3. D
4. B

Q.79

Question ID : 9888373005
Status : Not Attempted
Chosen Option :

Computer system which do not require any storage device?

A. Analog
B. Digital
C. Hybrid
D. Third generation computer

Ans
1. B
2. A
3. C
4. D

Q.80 Fertilisation of sperm with the ovum takes place in _____.

A. Uterus
B. Cervix
C. Fallopian Tube
D. Ovary

Question ID : 9888373022
Status : Answered
Chosen Option : 4

Ans
1. B
2. C
3. A
4. D

Q.81 If in a certain language, **TOGGLE** is coded as **OTGGEL**, how is **KEPLER** coded in that code?

A. EEKLPR
B. PREEKL
C. RPEEKL
D. EKLPRE

Question ID : 9888373060
Status : Answered
Chosen Option : 4

Ans
1. A
2. C
3. B
4. D

Q.82 **Read the statement and select a conclusion out of the given alternatives.**
**Statement**: Movies convince viewers that the likelihood of their becoming the victim of a violent crime is extremely high; at the same time by their very nature, movies persuade viewers to passively accept whatever happens to them.

A. Movies viewing promotes criminal behaviour.
B. Movies viewers are most likely to be victimized than others.
C. People should not watch movies.
D. ...ies promotes a feeling of helpless vulnerability in viewers.

Question ID : 9888373089
Status : Answered
Chosen Option : 1

Ans
1. D
2. A
3. B
4. C

Q.83

Question ID : 9888373011
Status : Not Attempted
Chosen Option :

South West Monsoon generates in _____.

A. Arabian Sea
B. Indian Ocean
C. Bay of Bengal
D. Himalayas

Ans
1. C
2. B
3. D
4. A

Q.84 _____is the most electropositive and _____is most electronegative element of the third period of modern periodic table.

A. Sodium, Potassium
B. Magnesium, Aluminium
C. Sodium, Chlorine
D. Aluminium, Chlorine

Question ID : 9888372989
Status : Answered
Chosen Option : 4

Ans
1. B
2. D
3. A
4. C

Q.85 If 22, x, 88 are in a continued proportion, find the value of x.

A. 24
B. 33
C. 44
D. 36

Question ID : 9888373037
Status : Answered
Chosen Option : 2

Ans
1. A
2. C
3. D
4. B

Q.86 Rajat is the brother of Sanjay and Manish is the father of Rajat. Jay is the brother of Shreya and Shreya is the daughter of Sanjay. Who is the uncle of Jay?

A. Rajat
B. Sanjay
C. Manish
D. Cannot be determined

Question ID : 9888373072
Status : Answered
Chosen Option : 4

Ans
1. C
2. B
3. D
4. A

Q.87 P is the brother of Q. Q is the brother of R. P is the son of S. Based on these three statements, which of the following statements cannot be definitely true?

A. Q is the brother of P.
B. Q is the son of S.
C. P is the brother of R.
D. S is the father of Q.

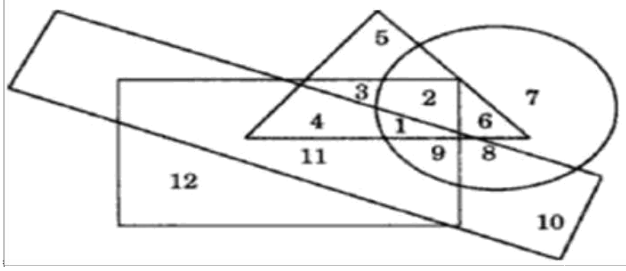
Question ID : 9888373071
Status : Answered
Chosen Option : 2

Ans
1. B
2. C
3. A

4. D

Comprehension:

In the following figure the circle stands for unemployed, the smaller rectangle stands for lazy, the triangle stands for urban and the larger rectangle stands for foolish. Study the figure carefully and answer the questions that follow:




SubQuestion No : 88

Q.88 The number of non-urban, unemployed people who are neither foolish nor lazy are

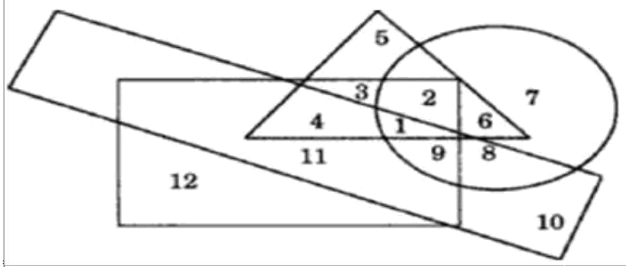
A. 12
B. 11
C. 10
D. 7

Question ID : 9888373083
Status : Answered
Chosen Option : 3

Ans
1. B
2. A
3. D
4. C

Comprehension:

In the following figure the circle stands for unemployed, the smaller rectangle stands for lazy, the triangle stands for urban and the larger rectangle stands for foolish. Study the figure carefully and answer the questions that follow:




SubQuestion No : 89

Q.89 The number of non-urban, unemployed, lazy and foolish people are

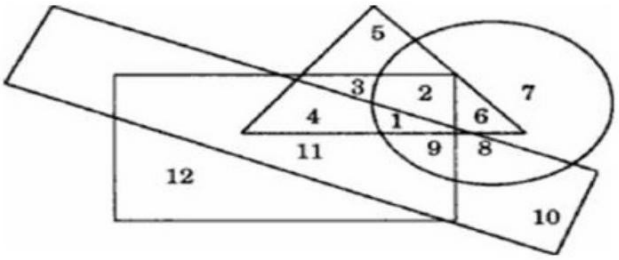
A. 8
B. 9
C. 10
D. 11

Question ID : 9888373082
Status : Answered
Chosen Option : 2

Ans
1. D
2. B
3. A
4. C

Comprehension:

In the following figure the circle stands for unemployed, the smaller rectangle stands for lazy, the triangle stands for urban and the larger rectangle stands for foolish. Study the figure carefully and answer the questions that follow:




SubQuestion No : 90

Q.90 The number of Unemployed, lazy, urban and foolish people are

A. 9
B. 2
C. 1
D. 3

Question ID : 9888373081
Status : Answered
Chosen Option : 2

Ans
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

Q.91 What is the local name given to the parliament of Pakistan?

A. Majilis
B. Majlis-e-Shoora
C. Saeima-e-majilis
D. Jatia Parliament

Question ID : 9888373020
Status : Not Attempted
Chosen Option :

Ans
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

Q.92 Which state of India has the largest number of cotton mills?

A. Karnataka
B. Uttar Pradesh
C. Maharashtra
D. Gujarat

Question ID : 9888373012
Status : Not Attempted
Chosen Option :

Ans
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

Q.93

Question ID : 9888373051
Status : Answered
Chosen Option : 3

Find the maximum area of a rectangular field which is surrounded by a rope of 100 meters?

A. 500 m²
B. 625 m²
C. 400 m²
D. 100 m²

Ans
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

Q.94 On the basis of Memory size & performance, which type of computer is known as "Big iron"?

A. Micro Computer
B. Mini Computer
C. Main Frame
D. Super Computer

Question ID : 9888373006
Status : Answered
Chosen Option : 1

Ans
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

Q.95 If 90% of A = 30% of B and B= x% of A, find x.

A. 600
B. 900
C. 300
D. 1200

Question ID : 9888373028
Status : Answered
Chosen Option : 4

Ans
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

Q.96 Which of the following fractions is largest?

A. 3/4
B. 4/5
C. 5/6
D. 7/8

Question ID : 9888373032
Status : Answered
Chosen Option : 2

Ans
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

Q.97

Question ID : 9888373053
Status : Answered
Chosen Option : 4

The value of sin60 is:

A. √1/2
B. √3/2
C. 1/√2
D. √1/√2

Ans
1. D
2. A
3. C
4. B

Q.98 Which of the following hormone is not secreted by Pituitary gland?

Question ID : 9888373015
Status : Not Attempted
Chosen Option :

A. Thyroid-stimulating hormone (TSH).
B. Prolactin
C. Vasopressin
D. Somatostatin

Ans
1. A
2. C
3. D
4. B

Q.99 A, B and C are employed to complete a work in Rs. 784. If A and B together complete 23/28 of the work. Calculate the wages (in Rs.) paid to C?

Question ID : 9888373038
Status : Answered
Chosen Option : 4

A. 280
B. 140
C. 70
D. 56

Ans
1. A
2. D
3. C
4. B

Q.100 Find the value of $200 \times 20 \times 2 \times 0.2 \times 0.02 \times 0.002$=?

Question ID : 9888373033
Status : Answered
Chosen Option : 2

A. 0.064
B. 0.64
C. 64
D. 640

Ans
1. C
2. A
3. D
4. B

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 27th April 2016 Shift 2

| | |
|---|---|
| Roll No: | 000000000000 |
| Participants Name: | AAAAAAAAAA |
| Test Center Name: | iON Digital Zone iDZ 2, Patia |
| Test Date: | 27/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** **Resolution : Determination : : Consensus : _____.**

A. Difference
B. Unanimity
C. Decide
D. Outcome

Question ID : **2055233789**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.2** **If CAR = 22 and BUS = 42, then TRAM =?**

A. 62
B. 52
C. 72
D. 42

Question ID : **2055233778**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.3** _____ was the Indian captain for 2016 ICC *Women's World Cup* Twenty20 cricket match.

A. Rajeshwari Gayakwad
B. Harmanpreet Kaur
C. Deepti Sharma
D. Mithali Raj

Question ID : **2055233719**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.4** Which of the following is not a renewable source of energy?

A. Solar
B. Wind
C. Ocean waves
D. Coal

Question ID : **2055233722**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Q.5** The age difference between M and R is the same as that between P and M. M is elder to P but younger to R. If the sum of the ages of R and P is 66, how old is M?

A. 28
B. 30
C. 33
D. 36

Question ID : **2055233750**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.6** If $a - b = 5$ and $a^2 + b^2 = 97$, $ab = ?$

A. 48
B. 32
C. 36
D. 72

Question ID : **2055233767**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.7** X and Y are parents of four married sons, one married daughter and one unmarried daughter living in a joint family. Two of the sons have two daughters and one son each. The other two have two sons and one daughter each. How many male members are there in the family?

A. 9
B. 10
C. 11
D. 12

Question ID : **2055233790**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

**Q.8** If '+' means '**brother of**', '×' means '**mother of**', '–' means '**father of**' and '÷' means '**son of**', then which of the following means V is the nephew of W?

A. V + U – W
B. V ÷ U + W
C. V × W – U
D. V ÷ W – U

Question ID : **2055233792**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.9** Find the greatest number which on dividing 391 and 318 leaves remainders 7 and 6 respectively.

A. 20
B. 23
C. 24
D. 32

Question ID : **2055233754**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.10** Which one is not the key objective of the Jan Aushadhi Campaign?

A. Make quality the hallmark of medicine availability.
B. Redefine the unit cost of treatment per person.
C. Develop a model which can be replicated only in India.
D. To be adopted by the Private Sector also.

Question ID : **2055233710**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.11** A box of 20 items was bought for Rs. 6,400 after a discount of 20%. Find the cost of each item.

A. Rs. 300
B. Rs. 350
C. Rs. 400
D. Rs. 450

Question ID : **2055233766**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

**Q.12** The speed of light in vacuum is estimated as _____ meters / second.

A. $3.00 \times 10^8$
B. $3.10 \times 10^8$
C. $3.12 \times 10^8$
D. $3.15 \times 10^8$

Question ID : **2055233730**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. C
✗ 4. B

**Q.13** If angles M and N measure 60° and 30° respectively, (sinM) × (cotN) =?

A. 1/2
B. $\sqrt{3}/2$
C. 3/2
D. 0

Question ID : **2055233773**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

**Comprehension:**

The following table represents the transport preferences of a certain number of people in three towns V, K and S. Consider the information and answer the following questions based on it.

| | Cycle | Taxi | Rickshaw | Bus | Own car | Train |
|---|---|---|---|---|---|---|
| Town V | 150 | 155 | 75 | 100 | 125 | 145 |
| Town K | 115 | 100 | 100 | 175 | 175 | 110 |
| Town S | 150 | 150 | 125 | 100 | 100 | 155 |

**SubQuestion No : 14**

Q.14 The number of people wanting to travel by train and bus is how much more or less than those wanting to travel by taxi and own car?

A. 15 more
B. 15 less
C. 20 more
D. 20 less

Question ID : **2055233806**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Comprehension:**

The following table represents the transport preferences of a certain number of people in three towns V, K and S. Consider the information and answer the following questions based on it.

| | Cycle | Taxi | Rickshaw | Bus | Own car | Train |
|---|---|---|---|---|---|---|
| Town V | 150 | 155 | 75 | 100 | 125 | 145 |
| Town K | 115 | 100 | 100 | 175 | 175 | 110 |
| Town S | 150 | 150 | 125 | 100 | 100 | 155 |

**SubQuestion No : 15**

Q.15 What is the most preferred mode of transport?

A. Train
B. Bus
C. Cycle
D. Taxi

Question ID : **2055233807**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Comprehension:**

The following table represents the transport preferences of a certain number of people in three towns V, K and S. Consider the information and answer the following questions based on it.

| | Cycle | Taxi | Rickshaw | Bus | Own car | Train |
|---|---|---|---|---|---|---|
| Town V | 150 | 155 | 75 | 100 | 125 | 145 |
| Town K | 115 | 100 | 100 | 175 | 175 | 110 |
| Town S | 150 | 150 | 125 | 100 | 100 | 155 |

**SubQuestion No : 16**

Q.16 The difference between people who prefer taxi to own car is?

A. 5
B. 10
C. 15
D. 20

Question ID : **2055233805**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D

2. C
3. A
4. B

**Q.17** Objects float on water based on _____.

A. Newton's third law of motion
B. Hooke's law
C. Faraday's law
D. Archimedes principle

Question ID : **2055233735**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. B
2. A
3. C
4. D

**Q.18** Which of the following is not true in regard to exchange rate of Indian Rupee?

A. Mainly, its price is in terms of US Dollar.
B. It is decided by Reserve Bank of India.
C. It is published by Reserve Bank of India.
D. It is decided by market forces.

Question ID : **2055233709**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. D
2. B
3. C
4. A

**Q.19** How many full member teams were in ICC Cricket World Cup T20 - 2016 other than the host country?

A. Seven
B. Eight
C. Nine
D. Ten

Question ID : **2055233718**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. B
2. A
3. D
4. C

**Q.20** The distance between the Sun and Earth is estimated to be

A. $15.96 \times 10^7$ km
B. $14.96 \times 10^7$ km
C. $12.96 \times 10^7$ km
D. $11.96 \times 10^7$ km

Question ID : **2055233743**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. A
2. B
3. D
4. C

**Q.21** If '**due to you**' is coded as '**ba da ca**', '**he is due**' as '**xe ba le**' and '**is due to**' as '**ba xe ca**', then '**you**' =?

A. ba
B. ca
C. xe
D. da

Question ID : **2055233781**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. B

✗ 2. C

✗ 3. A

✓ 4. D

**Q.22** In human body, vertebrae are part of _____.

A. Intestine
B. Liver
C. Spinal cord
D. Brain

Question ID : **2055233739**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D

✗ 2. A

✓ 3. C

✗ 4. B

**Q.23** X does 25% of a work in 20 days. Y joins X and they together finish the remaining work in 15 days. Y alone can do the whole work in ___ days.

A. 30 days
B. 25 1/2 days
C. 26 2/3 days
D. 26 1/3 days

Question ID : **2055233759**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A

✗ 2. D

✗ 3. B

✓ 4. C

**Q.24** Find the missing (?) in the series.

**3, 5, 9, 11, ?, 33, 65……..**

A. 23
B. 21
C. 17
D. 15

Question ID : **2055233784**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. D

✗ 2. C

✗ 3. B

✗ 4. A

**Q.25** Name the first civilian president of Myanmar.

A. Htin Kyaw
B. Myint Swe
C. Henry Van Thio
D. Thein Sein

Question ID : **2055233725**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C

✗ 2. B

✗ 3. D

✓ 4. A

**Q.26** The diagonals of 2 squares M & N are in the ratio 2:1. The ratio of their areas is

A. 1:2
B. 2:1
C. 1:4
D. 4:1

Question ID : **2055233771**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

**Q.27** The area of a rectangle is 448 sq.m. If the length is more than the breadth by 12%, find the breadth.

A. 14 m
B. 16 m
C. 18 m
D. 20 m

Question ID : **2055233772**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

**Q.28** An assertion (A) and a reason (R) are given below.

**Assertion (A)**: Tungsten filament is used for making light bulbs.

**Reason (R)**: Tungsten has a high melting point.

**Choose the correct option.**

A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true

Question ID : **2055233809**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.29** India shares water border with ____ countries.

A. One
B. Two
C. Three
D. Four

Question ID : **2055233713**
Status : **Answered**
Chosen Option : **2**

**Ans** 1. B
2. D
3. A
4. C

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.30** **Statements followed by some conclusions are given below.**

**Statements:**

1. We don't have the will to punish the guilty unless he is weak and poor.
2. The rich and well-connected get away with every wrong doing.

**Conclusions:**

I. The rich people are able to escape punishment for wrong doing.
II. If we will, justice will be same for all.

**Find which of the given conclusions logically follows from the given statements.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither I nor II follows

Question ID : **2055233798**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

---

**Q.31** _____ is used in periscope.

A. Plane mirror
B. Prism
C. Concave lens
D. Convex lens

Question ID : **2055233747**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

---

**Q.32** Most of the _____ are formed by sand and silt deposited by rivers and sea waves.

A. Laterite and lateritic soils
B. Alluvial soils
C. Peaty and Marshy soils
D. Saline and alkaline soils

Question ID : **2055233711**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

---

**Q.33** ISS stands for

A. International Space Station
B. International Space System
C. Indian space Studies
D. Inter-Space Spectroscopy

Question ID : **2055233744**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.34** Rs. 3,105 is due to be divided among K, L and M in the proportion of 2/3 : 3/4 : 1/2 respectively. How much will L get?

A. Rs. 1,080
B. Rs. 810
C. Rs. 1,215
D. Rs. 970

Question ID : **2055233757**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

---

**Q.35** Mirages are formed primarily due to _____ of light.

A. Reflection
B. Diffusion
C. Refraction
D. Scattering

Question ID : **2055233746**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

---

**Q.36** Yerwada Jail is in

A. Mumbai
B. *Pune*
C. Goa
D. Nagpur

Question ID : **2055233728**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

---

**Q.37** _____ is not a tributary of the river Ganges.

A. Yamuna
B. Gomti
C. Kosi
D. Manas

Question ID : **2055233712**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

---

**Q.38** The cost of 15 kg of groundnuts and 4 kg of cashews is Rs. 7,000. The cost of 10 kg of cashews is equal to 25 kg of groundnuts. Find the cost of groundnut per kg.

A. Rs. 320
B. Rs. 700
C. Rs. 540
D. Rs. 280

Question ID : **2055233748**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. D
✗ 2. B

✗ 3. A

✗ 4. C

**Q.39** _____ is not an example of refraction of light.

A. Twinkling effect of stars
B. Mirages
C. Lateral inversion
D. Bending of light while passing through a medium

Question ID : **2055233729**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.40** _____ is not caused by airborne transmission.

A. Tuberculosis
B. Chickenpox
C. Measles
D. Hepatitis B

Question ID : **2055233733**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

**Q.41** _____ is known as a disease mostly caused by occupational health hazards.

A. Syphilis
B. Cirrhosis
C. Silicosis
D. Parkinson's

Question ID : **2055233734**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Comprehension:**

E, F, G, H and K visit a hospital on week days. Each one of them is a physician, surgeon, dentist, cardiologist, nephrologist but in the random order. Each visits the hospital only one day in the week and attends to their profession only. Consider the following information and answer questions based on it.

1. The physician visits office every Monday.
2. E is the cardiologist who comes neither on Tuesday nor Thursday.
3. K is a surgeon and G is not the physician.
4. The person who visits the office on Thursday is not a nephrologist.
5. H works on a Tuesday and K works on the following day.

**SubQuestion No : 42**

Q.42 The cardiologist visits the office on

A. Tuesday
B. Wednesday
C. Thursday
D. Friday

Question ID : **2055233794**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Comprehension:**

E, F, G, H and K visit a hospital on week days. Each one of them is a physician, surgeon, dentist, cardiologist, nephrologist but in the random order. Each visits the hospital only one day in the week and attends to their profession only. Consider the following information and answer questions based on it.

1. The physician visits office every Monday.
2. E is the cardiologist who comes neither on Tuesday nor Thursday.
3. K is a surgeon and G is not the physician.
4. The person who visits the office on Thursday is not a nephrologist.
5. H works on a Tuesday and K works on the following day.

**SubQuestion No : 43**

Q.43 Who is the nephrologist?

A. E
B. F
C. G
D. H

Question ID : **2055233795**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

**Comprehension:**

E, F, G, H and K visit a hospital on week days. Each one of them is a physician, surgeon, dentist, cardiologist, nephrologist but in the random order. Each visits the hospital only one day in the week and attends to their profession only. Consider the following information and answer questions based on it.

1. The physician visits office every Monday.
2. E is the cardiologist who comes neither on Tuesday nor Thursday.
3. K is a surgeon and G is not the physician.
4. The person who visits the office on Thursday is not a nephrologist.
5. H works on a Tuesday and K works on the following day.

**SubQuestion No : 44**

Q.44 Who is the physician?

A. E
B. F
C. G
D. H

Question ID : **2055233796**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. A
3. D
4. C

Q.45 $(4x-7)^2 = ?$

A. $4x^2 - 56x + 49$
B. $4x^2 - 14x + 49$
C. $16x^2 + 14x + 49$
D. $16x^2 - 56x + 49$

Question ID : **2055233769**
Status : **Answered**
Chosen Option : **4**

Ans
1. C
2. B
3. A
4. D

Q.46 A tap can fill a tank in 50 minutes. If the tank has a leakage which alone is capable of emptying the tank in 2½ hours, the tank will now be filled in _____.

A. 1 hour
B. 1 hour 15 mins
C. 1 hour 25 mins
D. 1 hour 30 mins

Question ID : **2055233758**
Status : **Answered**
Chosen Option : **1**

Ans
1. B
2. C
3. A
4. D

Q.47 **Read the statements and answer the question based on it.**

**Statements:**

1. Some mammals are extinct and some are critically endangered.
2. All dinosaurs are extinct.
3. Some reptiles are critically endangered and some are already extinct.

**Which option logically follows the given statements?**

A. All dinosaurs are mammals.
B. There are no reptiles that are out of the danger of extinction.
C. No dinosaurs are critically endangered.
D. Some reptiles are dinosaurs who are extinct.

Question ID : **2055233808**
Status : **Answered**
Chosen Option : **2**

Ans
1. B
2. C
3. D
4. A

Q.48 **Error : Blunder : : _____ : Excellent**

A. Acceptable
B. Excel
C. Unsatisfactory
D. Splendid

Question ID : **2055233787**
Status : **Answered**
Chosen Option : **3**

Ans
1. D
2. B

3. A

4. C

**Q.49** If LIGER is coded as GIRLE, then TEPAL will be coded as

A. PETAL
B. PLATE
C. PELTA
D. PLEAT

Question ID : **2055233783**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. C
2. B
3. D
4. A

**Q.50** The cost price of 5 kg of wheat and 10 kg of lentil were at Rs. 70 and Rs. 80 per kg respectively. On selling, he gained 10% on wheat and 20% on sugar. What was the total sale price?

A. Rs. 1,375
B. Rs. 1,345
C. Rs. 1,400
D. Rs. 1,350

Question ID : **2055233765**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. D
2. C
3. B
4. A

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.51** Find the missing (?) in the series.

**AB, CE, FI, ?, OT**

A. JM
B. GK
C. HO
D. JN

Question ID : **2055233785**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. A
2. C
3. D
4. B

**Q.52** _____ is not related to gases.

A. Boyle's Law
B. Joule's Law
C. Avogadro's Law
D. Charles's Law

Question ID : **2055233737**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. D
2. B
3. A
4. C

**Q.53** If the radius (r) of a circle is increased by 'x' units, what is the number of units by which the circumference of the circle is increased?

A. π
B. 2π
C. 2πr
D. 2πx

Question ID : **2055233770**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

---

**Q.54** _____ are twin prime numbers.

A. (4, 9)
B. (2, 3)
C. (4, 6)
D. (3, 5)

Question ID : **2055233751**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

---

**Q.55** M borrowed some money for 1 year at certain simple interest. But the interest rate was increased to 2% which amounted to Rs. 120. Find the principal amount.

A. Rs. 4,000
B. Rs. 5,000
C. Rs. 6,000
D. Rs. 7,000

Question ID : **2055233762**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

---

**Q.56** Rajaji National Park is in _____.

A. Tamil Nadu
B. Uttarakhand
C. Karnataka
D. Kerala

Question ID : **2055233721**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

---

**Q.57** Which one of the following names is associated with golf?

A. Gurmeet Singh
B. H.S. Prannoy
C. S.S.P. Chawrasia
D. Chetan Anand

Question ID : **2055233720**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. D

3. A

4. C

**Q.58** There are 3 numbers. The 2nd number is 3 times the 1st. The 3rd is twice the 2nd. If their average is 70, find the smallest of the 3 numbers.

A. 18
B. 19
C. 20
D. 21

Question ID : **2055233777**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. B
2. C
3. A
4. D

**Q.59** A man starts walking at 6.30a.m. and wants to cover a distance of 30km. His initial speed is 6 kmph and after covering three-fifth distance, he reduces his speed by 2 kmph. At what time will he complete his walk?

A. 11.00 am
B. 12.30 pm
C. 11.30 pm
D. 12.00 pm

Question ID : **2055233760**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. D
3. C
4. A

**Q.60** Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

A. OLEMN
B. PEALP
C. OGREAN
D. OTTOPA

Question ID : **2055233799**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. D
3. C
4. A

**Q.61** The official journal of the Committee on Space Research (COSPAR) is

A. Astrophysics and Space
B. Space Science Reviews
C. Advances in Space Research
D. Cosmic Research

Question ID : **2055233745**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. C
2. D
3. B
4. A

**Q.62** The maximum interval between two sessions of state assembly can be ____.

A. 3 months
B. 6 months
C. 9 months
D. 12 months

Question ID : **2055233724**
Status : **Answered**
Chosen Option : **4**

**Ans**
1. C
2. D
3. A
4. B

**Q.63** Which Indian freedom fighter unfurled the flag known as Saptarishi at Stuttgart in Germany in 1907?

A. Madam Cama
B. Mahatma Gandhi
C. Dadabhai Naoroji
D. Lokmanya Tilak

Question ID : **2055233716**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Q.64** X is the brother of Y. Z is the wife of Y. F is the father of X. E is son of Z. How is E related to F?

A. Grandson
B. Nephew
C. Brother
D. Son

Question ID : **2055233791**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.65** If w : 0.80 : : 9 : 6, w = ?

A. 2.5
B. 1.1
C. 3.3
D. 1.2

Question ID : **2055233756**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

**Q.66** The maturity value of a certain sum after two years at 20% p.a. interest compounded annually is Rs.14,400/-. Find the principal amount.

A. Rs. 9,000
B. Rs. 9,500
C. Rs. 10,000
D. Rs. 10,500

Question ID : **2055233763**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.67** **BROWN : BNORW :: SOUND :?**

A. SNOUD
B. OSUDN
C. SUDNO
D. DNOSU

Question ID : **2055233780**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

**Q.68** If A means '–', C means '+', B means '÷', E means '×' then the value of **6 C 78 B 3 A 4 E 6** =?

A. 4
B. 6
C. 8
D. 10

Question ID : **2055233782**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.69** A train runs at 80 kmph for the first 40 km and the next 30 km at 60 kmph. Find the average speed.

A. 62 kmph
B. 64 kmph
C. 65 kmph
D. 70 kmph

Question ID : **2055233761**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. B
✔ 2. D
✘ 3. A
✘ 4. C

**Q.70** Find the range of the data 9, 5, 9, 3, 4, 7, 8, 4, 8, 9, 5, 9.

A. 3
B. 5
C. 6
D. 4

Question ID : **2055233775**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. D
✔ 2. C
✘ 3. A
✘ 4. B

**Q.71** Bollywood actress Priyanka Chopra won the Favourite Actress award at the People's Choice awards 2016, for her leading role in the American TV thriller series _____.

A. Secrets and Lies
B. The Middle
C. Quantico
D. Mistresses

Question ID : **2055233726**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. A
✔ 2. C
✘ 3. D
✘ 4. B

**Q.72** **Statement followed by some conclusions are given below.**

**Statement:**

The search team believes that the plane debris recovered in 2016, near Mozambique was highly likely to be from MH370-Malaysian aircraft which disappeared after take-off in 2014.

**Conclusions:**

I. The debris found near Mozambique definitely belonged to MH370 aircraft.
II. The search team is mistaken about the findings.

**Find which of the given conclusions logically follows from the given statements.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither I nor II follows

Question ID : **2055233797**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. A

✗ 3. C

✗ 4. B

**Q.73** Find the number, 6 times of which is 6 less than 60.

A. 6
B. 7
C. 8
D. 9

Question ID : **2055233749**
Status : **Answered**
Chosen Option : **3**

**Ans** ✗ 1. A

✗ 2. B

✓ 3. D

✗ 4. C

**Q.74** The instrument used to examine a person's digestive tract is called _____.

A. Oscilloscope
B. Microscope
C. Endoscope
D. Radiograph

Question ID : **2055233736**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

**Q.75** Salarjung Museum is located in _____.

A. Kolkata
B. Ahmadabad
C. Delhi
D. Hyderabad

Question ID : **2055233727**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** ✗ 1. B

✓ 2. D

✗ 3. A

✗ 4. C

**Q.76** **Esc** key in a windows keyboard is not used to

A. Close a dialog-box
B. Run a selected command
C. Cancel a command
D. Close a selected drop down list

Question ID : **2055233742**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. C

✓ 2. B

✗ 3. A

✗ 4. D

**Q.77** In a farm, there are goats and peacocks. If the number of heads are 60 and the number of feet are 170, then the number of goats = ?

A. 18
B. 20
C. 23
D. 25

Question ID : **2055233768**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. C
✘ 4. A

**Q.78** $(0.2 \times 0.2 \times 0.2)(0.06 \times 0.06 \times 0.06) \div (0.12 \times 0.12 \times 0.12) = ?$

A. 0.008
B. 0.001
C. 0.002
D. 0.006

Question ID : **2055233753**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✘ 2. C
✘ 3. A
✔ 4. B

**Q.79** Which pair is not similar to the other three?

A. Bare : Dressed
B. Baffled : Informed
C. Counterfeit : Fake
D. Degrade : Exalt

Question ID : **2055233788**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.80** _____ is used in yellow lamp street lights.

A. Neon
B. Nitrogen
C. Phosphorous
D. Sodium

Question ID : **2055233731**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. A
✔ 2. D
✘ 3. B
✘ 4. C

**Q.81** Find the LCM of 12, 16, 20 and 24.

A. 180
B. 220
C. 240
D. 260

Question ID : **2055233755**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

Q.82 The smallest of the fractions among 5/8, 3/4, 13/16, 7/12 is _____.

A. 5/8
B. 3/4
C. 13/16
D. 7/12

Question ID : **2055233752**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. C
✔ 2. D
✘ 3. A
✘ 4. B

Q.83 The official language of Goa is _____.

A. English
B. Portuguese
C. Konkani
D. Marathi

Question ID : **2055233714**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. D
✘ 2. A
✔ 3. C
✘ 4. B

Q.84 Salt Satyagraha in Tamil Nadu was led by _____.

A. C. Rajagopalachari
B. K. Kamaraj
C. Potti Sriramulu
D. C. Subramaniam

Question ID : **2055233717**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

Q.85 **Read the following paragraph and answer the question based on it.**

The ongoing progress in technologies continue to throw up fresh risks related to data privacy and security. There can be no true progress in technologies without such risks. The IT industries need to be equipped to handle such risks.

**Which option relates best to the above statement?**

A. True progress in technology involves some risks too.
B. IT industries are not equipped to handle such threats.
C. Progress must be free of risks and threats.
D. Data privacy and security is not important to the IT industries.

Question ID : **2055233810**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. D
✔ 2. A
✘ 3. C
✘ 4. B

**Q.86** Curd contains mainly _____ acid.

A. Benzoic
B. Fumaric
C. Lactic
D. Malic

Question ID : **2055233732**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.87** _____ is the capital of Mizoram.

A. Shillong
B. Aizawl
C. Kavaratti
D. Imphal

Question ID : **2055233715**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.88** The average weight of 25 bags is 55 kg. The weight of one bag was misread as 65 instead of 56. Find the correct mean value.

A. 55.25
B. 55.36
C. 54.64
D. 55.65

Question ID : **2055233776**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.89** If $\sin\theta = 15/17$, then $\cot\theta$=?

A. 8/17
B. 15/8
C. 8/15
D. 17/8

Question ID : **2055233774**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

**Q.90** N invested Rs. 20,000 in a business. Six months later, C joined him with Rs. 10,000. At the end of the year, the profit was Rs. 10,000. What should be the share of N?

A. Rs. 2,000
B. Rs. 4,000
C. Rs. 6,000
D. Rs. 8,000

Question ID : **2055233764**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A

✗ 3. B

✓ 4. D

**Q.91** **Fire : Burn : : Water : ?**

A. River
B. $H_2O$
C. Flood
D. Dam

Question ID : **2055233786**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.92** A grant for estimated expenditure made by Lok Sabha for part of a financial year pending voting is called

A. Cut motion
B. Appropriation
C. Prorogation
D. Vote on account

Question ID : **2055233723**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Q.93** Allergy Screening Blood Test for human beings does not include _____.

A. RAST
B. ELISA
C. IgE
D. Hemoglobin A1C

Question ID : **2055233738**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

**Q.94** A serial port can

A. only transfer information from a hard drive.
B. only transfer information to a hard drive.
C. transfer information both to and from a hard drive.
D. neither transfer information from nor to a hard drive.

Question ID : **2055233740**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Comprehension:**

**Consider the following information and answer the questions based on it.**

Out of 60 people in a colony, 10 speak only Bengali, 5 speak only Assamese, 10 speak both Hindi and Odia, 12 speak both Marathi and Hindi, 13 speak English, Tamil and Marathi, 5 speak both Assamese and Hindi and the remaining speak both Bengali and Hindi.

SubQuestion No : 95

Q.95 The ratio of people who speak Bengali to those who speak Marathi is

A. 15/32
B. 1/2
C. 3/4
D. 3/5

Question ID : **2055233802**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. D
✘ 2. A
✘ 3. B
✘ 4. C

Comprehension:

**Consider the following information and answer the questions based on it.**

Out of 60 people in a colony, 10 speak only Bengali, 5 speak only Assamese, 10 speak both Hindi and Odia, 12 speak both Marathi and Hindi, 13 speak English, Tamil and Marathi, 5 speak both Assamese and Hindi and the remaining speak both Bengali and Hindi.

SubQuestion No : 96

Q.96 In all, how many people speak Hindi?

A. 22
B. 27
C. 32
D. 45

Question ID : **2055233801**
Status : **Answered**
Chosen Option : **4**

Ans
✘ 1. B
✘ 2. A
✘ 3. D
✔ 4. C

Comprehension:

**Consider the following information and answer the questions based on it.**

Out of 60 people in a colony, 10 speak only Bengali, 5 speak only Assamese, 10 speak both Hindi and Odia, 12 speak both Marathi and Hindi, 13 speak English, Tamil and Marathi, 5 speak both Assamese and Hindi and the remaining speak both Bengali and Hindi.

SubQuestion No : 97

Q.97 How many people speak more than one language?

A. 15
B. 45
C. 50
D. 55

Question ID : **2055233803**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.98** Find the odd one out in relation to using ATM and net-banking facilities.

A. Don't share your ATM card.
B. Don't share your PIN.
C. Don't change your PIN at regular intervals.
D. Don't share your login Id and password.

Question ID : **2055233741**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.99** If **WORK** = **7935**, **ROCK** = **3587** AND **WART** = **1945**, which digit stands for T?

A. Either 9 or 1
B. Either 8 or 1
C. Either 4 or 5
D. Either 1 or 4

Question ID : **2055233779**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

**Q.100** Which of the following does not represent the things that make a 'Smart City', under the smart city campaign?

A. Affordable housing, especially for the poor.
B. Adequate water supply.
C. Free health and education.
D. Sustainable environment.

Question ID : **2055233708**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 28th April 2016 Shift 2

| | |
|---|---|
| Roll No: | [redacted] |
| Participants Name: | [redacted] |
| Test Center Name: | Vignans Institute of Management and Technology for Women |
| Test Date: | 28/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** The Crescograph, a device for measuring growth in plants, was invented by:

Question ID : **9888373230**
Status : **Answered**
Chosen Option : **2**

A. Hyder Ali
B. Satyendra Bose
C. Subrahmanyan Chandrasekhar
D. Jagadish Chandra Bose

**Ans**
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Q.2** The flag of Malaysia, comprises a field of _____ alternating red and white stripes.

Question ID : **9888373231**
Status : **Answered**
Chosen Option : **3**

A. 20
B. 18
C. 16
D. 14

**Ans**
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

**Q.3** What is the median of the following distribution?

**42, 65, 18, 69, 29, 42, 48, 79, 25, 24, 98, 87, 63, 27, 17**

Question ID : **9888373262**
Status : **Answered**
Chosen Option : **3**

A. 43.5
B. 65
C. 42
D. 69

**Ans**
✗ 1. B
✗ 2. A

✔ 3. C

✘ 4. D

**Q.4** If the cost price of 12 books is equal to the selling price of 8 books, what is the gain percent?

Question ID : **9888373252**
Status : **Answered**
Chosen Option : **4**

A. 12%
B. 30%
C. 40%
D. 50%

**Ans**
✘ 1. B
✘ 2. C
✘ 3. A
✔ 4. D

**Q.5** A shopkeeper buys an induction cooker for Rs. 2750 and sells it for Rs. 2860. Find his gain percentage.

Question ID : **9888373250**
Status : **Answered**
Chosen Option : **2**

A. 1%
B. 2%
C. 3%
D. 4%

**Ans**
✘ 1. B
✔ 2. D
✘ 3. A
✘ 4. C

**Q.6** Hiten introduced Mita as his son's maternal grandfather's only son's only sister's mother-in-law. How is Mita related to Hiten?

Question ID : **9888373278**
Status : **Answered**
Chosen Option : **2**

A. Mother
B. Mother-in-law
C. Wife
D. Maternal Aunt

**Ans**
✘ 1. D
✘ 2. C
✔ 3. A
✘ 4. B

**Q.7** What is the mean of the following distribution?

**54, 23, 66, 44, 79, 21, 54, 67, 29, 59**

Question ID : **9888373261**
Status : **Answered**
Chosen Option : **1**

A. 51.4
B. 49.6
C. 48.7
D. 45.3

**Ans**
✘ 1. C
✘ 2. A
✘ 3. D
✔ 4. B

**Q.8** Which two signs should be interchanged to make the following equation correct?

$72 \div 9 + 5 \times 3 - 2 = 41$

A. ÷ and –
B. × and +
C. ÷ and ×
D. × and -

Question ID : **9888373270**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

**Q.9** A Refrigerator works on which of the following principles?

A. Osmosis
B. Centrifugation
C. Dispersion
D. Evaporation

Question ID : **9888373232**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. A
✘ 2. B
✔ 3. D
✘ 4. C

**Q.10** In which year did Indian Men's Hockey team win its first Olympic gold medal?

A. 1928
B. 1956
C. 1975
D. 1982

Question ID : **9888373198**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✘ 2. B
✔ 3. A
✘ 4. D

**Q.11** The company Interglobe Aviation, which recently came out with its IPO, controls which one of the following airlines?

A. Indigo
B. Go Air
C. Spice Jet
D. Air Asia

Question ID : **9888373194**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. A
✘ 2. C
✘ 3. D
✘ 4. B

**Q.12** Which premier watchmaker has associated with Google to develop a smart luxury watch?

A. RADO
B. Tag Heuer
C. Omega
D. Titan

Question ID : **9888373196**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. D

✗ 2. C

✗ 3. A

✓ 4. B

**Q.13** Who as per the Harvard Business Review was the top performing CEO in 2015?

A. Lars Rebien Sorensen, Novo Nordisk

B. Chuck Robbins, Cisco System

C. Pablo Isla, INDITEX

D. Howard Shultz, Starbucks

Question ID : **9888373213**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. C

✗ 2. D

✗ 3. B

✓ 4. A

**Q.14** Adil and Biren together can complete a task in 20 days. Biren and Chirag together can complete the same task in 50 days. Adil and Chirag together can complete the same task in 40 days. If the same task was to be done by them alone, what would be the ratio of time taken by Adil alone to taken by Biren?

A. 11 : 9

B. 11 : 3

C. 7 : 9

D. 9 : 11

Question ID : **9888373245**
Status : **Answered**
Chosen Option : **1**

**Ans**

✗ 1. C

✗ 2. B

✓ 3. D

✗ 4. A

**Q.15** The Thousand Pillar Temple, a historic Hindu temple located in the town of Hanamakonda, was built by:

A. Rudra Deva

B. Krishnadeva Raya

C. Jahangir

D. Aurangazeb

Question ID : **9888373222**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. C

✗ 2. B

✗ 3. D

✓ 4. A

**Q.16** Compute: $87654 \times 99999$

A. 8766624336

B. 8765312346

C. 8857624336

D. 8656624426

Question ID : **9888373236**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. A

✓ 2. B

✗ 3. C

✗ 4. D

**Q.17** What is the value of the expression:

**(Tan0° Tan1° Tan2° Tan3° Tan4° …..Tan89°)**

Question ID : **9888373259**
Status : **Answered**
Chosen Option : **3**

A. 0
B. 1
C. 2
D. 1/2

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.18** Based on the relationship between the first two words, find out the missing word.

**BHARATANATYAM : TAMIL NADU :: KUCHIPUDI : _____**

Question ID : **9888373274**
Status : **Marked For Review**
Chosen Option : **1**

A. ARUNACHAL PRADESH
B. ODISHA
C. ANDHRA PRADESH
D. KERALA

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Comprehension:**

Read the passage given below and answer the questions that follow:

In a club of 30 people, all of them belong to at least one group – Chess, Drama and Art.

6 people belong only to the Art group.

5 people belong to all the three groups.

2 people have joined the Chess and the Art group but not the Drama group.

15 people belong to the Art group.

2 people have joined only the Chess group.

3 people have joined only the Drama group.

**SubQuestion No : 19**

Q.19 How many people belong to exactly one group?

Question ID : **9888373289**
Status : **Answered**
Chosen Option : **3**

A. 11
B. 10
C. 14
D. 12

Ans
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Comprehension:**

Read the passage given below and answer the questions that follow:

In a club of 30 people, all of them belong to at least one group – Chess, Drama and Art.

6 people belong only to the Art group.

5 people belong to all the three groups.

2 people have joined the Chess and the Art group but not the Drama group.

15 people belong to the Art group.

2 people have joined only the Chess group.

3 people have joined only the Drama group.

**SubQuestion No : 20**

Q.20 How many people have belong to the Chess group?

Question ID : **9888373288**
Status : **Not Attempted**
Chosen Option : **--**

A. 21
B. 13
C. 19
D. 20

Ans
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Comprehension:**

Read the passage given below and answer the questions that follow:

In a club of 30 people, all of them belong to at least one group – Chess, Drama and Art.

6 people belong only to the Art group.

5 people belong to all the three groups.

2 people have joined the Chess and the Art group but not the Drama group.

15 people belong to the Art group.

2 people have joined only the Chess group.

3 people have joined only the Drama group.

**SubQuestion No : 21**

**Q.21** How many people have joined the Chess and the Drama group but not the Art group?

Question ID : **9888373287**
Status : **Not Attempted**
Chosen Option : **--**

A. 12
B. 10
C. 15
D. 13

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.22** In which of the following states was the first passenger train started in India?

Question ID : **9888373207**
Status : **Answered**
Chosen Option : **2**

A. Maharashtra
B. Tamil Nadu
C. Uttar Pradesh
D. West Bengal

**Ans**
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

**Q.23** The Kyoto protocol was entered into force in the year:

Question ID : **9888373209**
Status : **Answered**
Chosen Option : **4**

A. 2005
B. 1997
C. 2000
D. 2002

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

**Q.24** Who is the real founder of the Gupta Empire?

Question ID : **9888373210**
Status : **Answered**
Chosen Option : **1**

A. Chandragupta II
B. Samudragupta
C. Sri Gupta
D. Ghatookacha

**Ans**
✔ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.25** Which of the following is a philosophical system recognizing only that which can be scientifically verified or which is capable of logical or mathematical proof, and therefore rejecting metaphysics and theism?

Question ID : **9888373224**
Status : **Answered**
Chosen Option : **2**

A. Structural Functionalism
B. Symbolic Interaction
C. Conflicts
D. Positivism

**Ans**
✔ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.26** Find the unit digit in

$(1234)^{102} + (1234)^{103}$

Question ID : **9888373239**
Status : **Answered**
Chosen Option : **3**

A. 2
B. 4
C. 0
D. 1

**Ans**
✗ 1. A
✗ 2. D
✔ 3. C
✗ 4. B

**Q.27** Alassane Ouattara is:

Question ID : **9888373212**
Status : **Answered**
Chosen Option : **2**

A. The President of Ivory Coast
B. The President of Indonesia
C. The President of Malaysia
D. The Vice President of Maldives

**Ans**
✔ 1. A
✗ 2. D
✗ 3. C

✗ 4. B

**Q.28** In which year did archery have its official debut at the Summer Olympics?

Question ID : **9888373199**
Status : **Answered**
Chosen Option : **1**

A. 1896
B. 1920
C. 1972
D. 1900

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.29** Sumit scored 75% on a math test with 60 questions. How many questions did he answer incorrectly?

Question ID : **9888373253**
Status : **Answered**
Chosen Option : **3**

A. 10
B. 15
C. 17
D. 20

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.30** The ratio of the speeds of two trains is 3 : 4. If the second train runs 300 km in 3 hours, then what would be the speed of the first train?

Question ID : **9888373247**
Status : **Answered**
Chosen Option : **2**

A. 100 km/hr
B. 50 km/hr
C. 70 km/hr
D. 75 km/hr

**Ans**
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

**Q.31** IPCC stands for:

Question ID : **9888373208**
Status : **Answered**
Chosen Option : **2**

A. Inter Parliamentary Panel for Climate Change
B. Intergovernmental Panel on Climate Change
C. Inter Government Parliamentary Panel on Climate Change
D. International Panel on Climate Change

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.32** Which of the following is the first animal to go to into spatial orbit on board the Soviet Sputnik 2?

Question ID : **9888373216**
Status : **Answered**
Chosen Option : **3**

A. Laika, a dog
B. Albert, a mouse
C. Belka, a monkey
D. Baker, a rabbit

**Ans**
✗ 1. B
✗ 2. C

✔ 3. A

✘ 4. D

**Q.33** In the question given below, are given two statements followed by a few conclusions as options. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions basically follows from the two given statements disregarding commonly known facts.

Question ID : **9888373284**
Status : **Answered**
Chosen Option : **1**

**Statements**:

1. All toys are books
2. All books are trains

**Conclusions**: ?

A. All trains are books
B. All books are toys
C. Some trains are toys
D. No train is a toy

**Ans**
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

**Q.34** Which of the following is the branch of physiology and medicine which deals with diseases and conditions specific to men?

Question ID : **9888373225**
Status : **Answered**
Chosen Option : **4**

A. Andrology
B. Astacology
C. Bioecology
D. Desmology

**Ans**
✘ 1. D
✘ 2. C
✘ 3. B
✔ 4. A

**Q.35** A purse contains Rs. 455 in the form of Rs. 1, Rs 2, and Rs. 5 coins in the ratio of 2 : 4 : 5. What is the number of Rs. 2 coins in the purse?

Question ID : **9888373243**
Status : **Answered**
Chosen Option : **4**

A. 26
B. 52
C. 65
D. 13

**Ans**
✘ 1. C
✘ 2. D
✘ 3. A
✔ 4. B

**Q.36** Find the LCM of 18, 33 and 37.

Question ID : **9888373241**
Status : **Answered**
Chosen Option : **2**

A. 2442
B. 7326
C. 814
D. 1221

**Ans**
✘ 1. C
✔ 2. B
✘ 3. D
✘ 4. A

**Q.37** Who among the following was one of the founders of the Swaraj Party?

Question ID : **9888373220**
Status : **Answered**
Chosen Option : **2**

A. Motilal Nehru
B. Lala Lajpat Rai
C. Subhas Chandra Bose
D. Dadabhai Naoroji

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.38** If '+' means '×', '-' means '÷', '×' means '+' and '÷' means '-' then what is the value of:

**225 ÷ 5 + 96 - 3 × 31**

Question ID : **9888373269**
Status : **Answered**
Chosen Option : **1**

A. 86
B. 96
C. 106
D. 116

**Ans**
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.39** The classical dance of Kathakali belongs to which Indian state?

Question ID : **9888373211**
Status : **Answered**
Chosen Option : **2**

A. Odisha
B. Kerala
C. Andhra Pradesh
D. Assam

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.40** Which of the following Religious Communities has been granted the 'Minority' status by the Indian Government on 30th January 2014?

Question ID : **9888373217**
Status : **Answered**
Chosen Option : **3**

A. Sikh
B. Buddhist
C. Jain
D. Parsi

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.41** In order to help in the freedom struggle, which newspaper was started by Lokmanya Tilak?

Question ID : **9888373219**
Status : **Answered**
Chosen Option : **2**

A. Kesari
B. Amrit Bazar Patrika
C. Ghadar
D. Harijan

**Ans**
✗ 1. D

✔ 2. A

✘ 3. C

✘ 4. B

**Q.42** Which of the following space crafts was used by Rakesh Sharma to make his historic trip to space?

Question ID : **9888373215**

Status : **Answered**

Chosen Option : **3**

A. Apollo 11

B. Progress 1

C. Soyuz T-11

D. Salyut 7

**Ans**

✘ 1. B

✔ 2. C

✘ 3. A

✘ 4. D

**Q.43** Divya said, "That lady is my husband's sister's only sibling's son's paternal grandmother". How is that lady related to Divya?

Question ID : **9888373277**

Status : **Answered**

Chosen Option : **1**

A. Mother

B. Mother-in-law

C. Maternal Aunt

D. Maternal Grandmother

**Ans**

✔ 1. B

✘ 2. A

✘ 3. C

✘ 4. D

**Q.44** 7 men and 3 women complete the work together in 10 days. 8 men and 2 women complete the same work in 8 days. How much work can be done by 12 men in one day?

Question ID : **9888373244**

Status : **Answered**

Chosen Option : **3**

A. 17.5%

B. 20%

C. 21%

D. 23%

**Ans**

✘ 1. D

✘ 2. A

✔ 3. C

✘ 4. B

**Q.45** Thomas Clifford Allbutt is associated with the invention of:

Question ID : **9888373229**

Status : **Answered**

Chosen Option : **4**

A. X Ray Machine

B. Clinical Thermometer

C. Stethoscope

D. Microscope

**Ans**

✘ 1. D

✘ 2. A

✘ 3. C

✔ 4. B

**Q.46** If the Standard deviation of a distribution is 9, what is the value of variance?

Question ID : **9888373263**
Status : **Answered**
Chosen Option : **3**

A. 18
B. 27
C. 81
D. 36

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.47** Antonio Meucci is associated with the invention of:

Question ID : **9888373228**
Status : **Answered**
Chosen Option : **3**

A. Telephone
B. Automobile
C. LED
D. Industrial Robot

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

**Q.48** What is the correct ascending order for the given fractions?

Question ID : **9888373237**
Status : **Not Attempted**
Chosen Option : **--**

A. 22/7, 13/17, 11/19, 2/3
B. 11/19, 2/3, 13/17, 22/7
C. 2/3, 11/19, 13/17, 22/7
D. 2/3, 13/17, 11/19, 22/7

**Ans**
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

**Q.49** Keeping voltage constant, if more lamps are put into a series circuit, the overall current in the circuit :

Question ID : **9888373202**
Status : **Answered**
Chosen Option : **3**

A. Increases
B. Decreases
C. Remains the same
D. Becomes infinite

**Ans**
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

**Comprehension:**

Read the passage given below and answer the questions that follow:

Prerna, Qutub, Rahul, Stalin, Tuhin, Ujala, Varun and Waheeda are sitting around a circle facing the center.

Waheeda is to the immediate left of Prerna but is not the neighbor of Tuhin or Stalin.

Ujala is to the immediate right of Qutub.

Varun is sitting next to Tuhin.

Rahul is sitting between Tuhin and Ujala.

**SubQuestion No : 50**

**Q.50** Which of the following statements is TRUE?

Question ID : **9888373280**
Status : **Not Attempted**
Chosen Option : **--**

A. Tuhin is sitting in between Ujala and Qutub

B. Ujala is sitting next to Varun

C. Varun is to the right of Tuhin and also to the left of Waheeda

D. Prerna is second to the right of Stalin

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Comprehension:**

Read the passage given below and answer the questions that follow:

Prerna, Qutub, Rahul, Stalin, Tuhin, Ujala, Varun and Waheeda are sitting around a circle facing the center.

Waheeda is to the immediate left of Prerna but is not the neighbor of Tuhin or Stalin.

Ujala is to the immediate right of Qutub.

Varun is sitting next to Tuhin.

Rahul is sitting between Tuhin and Ujala.

**SubQuestion No : 51**

**Q.51** In which of the following pairs, the second person is second to the right of the first person?

Question ID : **9888373282**
Status : **Not Attempted**
Chosen Option : **--**

A. Rahul, Prerna

B. Varun, Waheeda

C. Ujala, Tuhin

D. Stalin, Qutub

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Comprehension:**

Read the passage given below and answer the questions that follow:

Prerna, Qutub, Rahul, Stalin, Tuhin, Ujala, Varun and Waheeda are sitting around a circle facing the center.

Waheeda is to the immediate left of Prerna but is not the neighbor of Tuhin or Stalin.

Ujala is to the immediate right of Qutub.

Varun is sitting next to Tuhin.

Rahul is sitting between Tuhin and Ujala.

**SubQuestion No : 52**

**Q.52** What is the position of Stalin?

Question ID : **9888373281**
Status : **Not Attempted**
Chosen Option : **--**

A. On the immediate left of Qutub
B. Second to the right of Ujala
C. Between Varun and Waheeda
D. Exactly next to Rahul

**Ans**
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

---

**Q.53** Two positive integers are in the ratio of 3 : 4. If the product of the two numbers is 1728, what is the value of the greater number?

Question ID : **9888373242**
Status : **Answered**
Chosen Option : **4**

A. 36
B. 38
C. 48
D. 72

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

---

**Q.54** In a right-angled triangle, the longest side is 1 cm longer than the middle side and the middle side is 49 cm longer than the shortest side. Calculate the length of the shortest side?

Question ID : **9888373256**
Status : **Not Attempted**
Chosen Option : **--**

A. 11 cm
B. 10 cm
C. 21 cm
D. 60 cm

**Ans**
✗ 1. B
✓ 2. A
✗ 3. D
✗ 4. C

---

**Q.55** If a box contains 3 white cushions, 4 red cushions and 5 blue cushions, what is probability of selecting a white or blue cushions?

Question ID : **9888373254**
Status : **Answered**
Chosen Option : **3**

A. 2/3
B. 3/4
C. 1/4
D. 1/9

**Ans**
✗ 1. B
✗ 2. C

✔ 3. A

✘ 4. D

**Q.56** IRS series of Indian Satellites are used for:

Question ID : **9888373214**
Status : **Answered**
Chosen Option : **3**

A. Forestry

B. Communication

C. Remote Sensing

D. Astronomy

**Ans**
✘ 1. D

✘ 2. A

✔ 3. C

✘ 4. B

**Q.57** If **A = 26** and **TEA = 55**, then **SPATTER** = ?

Question ID : **9888373265**
Status : **Not Attempted**
Chosen Option : **--**

A. 92

B. 90

C. 91

D. 95

**Ans**
✘ 1. D

✘ 2. C

✘ 3. A

✔ 4. B

**Q.58** Which element has the atomic number 3?

Question ID : **9888373205**
Status : **Answered**
Chosen Option : **3**

A. Boron

B. Lithium

C. Beryllium

D. Sodium

**Ans**
✘ 1. C

✘ 2. A

✔ 3. B

✘ 4. D

**Q.59** Compute: 4237.43 + 453.32 + 24.12 - 387.23

Question ID : **9888373234**
Status : **Answered**
Chosen Option : **3**

A. 4327.64

B. 4646.64

C. 4676.64

D. 4587.64

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.60** Which European country was the first to introduce bank notes and was recently in the news to soon become the first cashless country in the world?

Question ID : **9888373195**
Status : **Not Attempted**
Chosen Option : **--**

A. UK
B. Germany
C. Sweden
D. Switzerland

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

**Q.61** Based on the relationship between the first two words, find out the missing word.

**FISHES : AQUARIUM :: BIRDS : _____**

Question ID : **9888373272**
Status : **Answered**
Chosen Option : **4**

A. AVIARY
B. APIARY
C. BYRE
D. DREY

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

**Q.62** When a natural number n is divided by 5 the remainder is 4. What is the remainder when 2n is divided by 5?

Question ID : **9888373238**
Status : **Answered**
Chosen Option : **1**

A. 2
B. 3
C. 4
D. 0

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.63** If **TEACHER** is coded as **UDBBIDS**, then **STUDENT** will be coded as:

Question ID : **9888373266**
Status : **Answered**
Chosen Option : **1**

A. RSTCDMS
B. TUVEFOU
C. TSVCFMU
D. RUTEDOS

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.64** In the Parliament of India, who was the first speaker of the Lok Sabha?

Question ID : **9888373218**
Status : **Answered**
Chosen Option : **1**

A. M. A. Ayyangar
B. Ganesh Mavalankar
C. Sardar Hukam Singh
D. Neelam Sanjeeva Reddy

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

**Q.65** Find the HCF of 315, 630 and 945.

Question ID : **9888373240**
Status : **Not Attempted**
Chosen Option : **--**

A. 315
B. 105
C. 210
D. 140

**Ans**
✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

**Q.66** Based on the statement(s) given below, choose the best possible conclusion(s) that follows:

Question ID : **9888373294**
Status : **Answered**
Chosen Option : **3**

**Statements:**

A. Players who break records in a fair way are given a special reward.
B. Player XYZ broke the world record but was found to be under the influence of a prohibited drug.

**Conclusions:**

I. The accusation on Player XYZ was false.
II. Player XYZ will not get the special reward.

A. Only conclusion I follows
B. Only conclusion II follows
C. Both conclusion I and II follow
D. Neither conclusion I nor II follows

**Ans**
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

**Q.67** Aparna said, "That man is my brother's wife's son's only paternal uncle's father". How is the man related to Aparna?

Question ID : **9888373276**
Status : **Not Attempted**
Chosen Option : **--**

A. Paternal Grandfather
B. Father
C. Uncle
D. Son

**Ans**
✘ 1. A
✘ 2. D
✘ 3. C
✔ 4. B

**Q.68** Which of the following atoms has the largest diameter?

A. Iodine
B. Fluorine
C. Chlorine
D. Bromine

Question ID : **9888373204**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Q.69** If the ratio of the angles of a triangle is 2 : 4 : 3, then what is the sum of the smallest angle of the triangle and the largest angle of the triangle?

A. 120 degrees
B. 100 degrees
C. 140 degrees
D. 110 degrees

Question ID : **9888373258**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Comprehension:**

Read the information given below and answer the questions that follow:

Information about the Number of Candidates who appeared, qualified and then were selected in a Competitive Examination from Delhi over the years 1997 to 2001 is given below.

| Year | Appeared | Qualified | Selected |
|---|---|---|---|
| 1997 | 8000 | 850 | 94 |
| 1998 | 4800 | 500 | 48 |
| 1999 | 7500 | 640 | 82 |
| 2000 | 9500 | 850 | 90 |
| 2001 | 9000 | 800 | 70 |

**SubQuestion No : 70**

**Q.70** What is the average number of candidates selected over the given period (round it to the nearest integer)?

A. 79
B. 77
C. 76
D. 74

Question ID : **9888373291**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Comprehension:**

Read the information given below and answer the questions that follow:

Information about the Number of Candidates who appeared, qualified and then were selected in a Competitive Examination from Delhi over the years 1997 to 2001 is given below.

| Year | Appeared | Qualified | Selected |
|---|---|---|---|
| 1997 | 8000 | 850 | 94 |
| 1998 | 4800 | 500 | 48 |
| 1999 | 7500 | 640 | 82 |
| 2000 | 9500 | 850 | 90 |
| 2001 | 9000 | 800 | 70 |

**SubQuestion No : 71**

**Q.71** In which year is the lowest percentage of candidates selected over those appeared?

A. 1998
B. 2000
C. 2001
D. 1999

Question ID : **9888373292**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

**Comprehension:**

Read the information given below and answer the questions that follow:

Information about the Number of Candidates who appeared, qualified and then were selected in a Competitive Examination from Delhi over the years 1997 to 2001 is given below.

| Year | Appeared | Qualified | Selected |
|---|---|---|---|
| 1997 | 8000 | 850 | 94 |
| 1998 | 4800 | 500 | 48 |
| 1999 | 7500 | 640 | 82 |
| 2000 | 9500 | 850 | 90 |
| 2001 | 9000 | 800 | 70 |

**SubQuestion No : 72**

**Q.72** For which year, is the ratio of number of candidates who were selected to the number of candidates who qualified the highest?

A. 1998
B. 2000
C. 2001
D. 1999

Question ID : **9888373293**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

**Q.73** Rita invested a sum at 2.5% rate for 4 years. Sita invested the same amount at the same rate for 6 years. What is the ratio of the simple interest earned by Sita to that earned by Rita?

Question ID : **9888373248**
Status : **Answered**
Chosen Option : **1**

A. 3:2
B. 2:3
C. 1:3
D. 1:4

**Ans**
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

**Q.74** Which of the following is NOT a solution of the equation $3x - 4y = 8$?

Question ID : **9888373255**
Status : **Answered**
Chosen Option : **4**

A. (4,1)
B. (8,4)
C. (1,4)
D. (0,-2)

**Ans**
✘ 1. B
✘ 2. D
✘ 3. A
✔ 4. C

**Q.75** Based on the statement(s) given below, choose the best possible conclusion(s) that follows:

Question ID : **9888373295**
Status : **Answered**
Chosen Option : **2**

**Statements:**

A. In a T20 match, the total runs made by a team was 210.
B. Out of these 147 runs were made by the spinners.

**Conclusions:**

I. 70% of the team consists of spinners.
II. The opening batsmen were spinners.

A. Only conclusion I follows
B. Only conclusion II follows
C. Both conclusion I and II follow
D. Neither conclusion I nor II follows

**Ans**
✘ 1. A
✔ 2. D
✘ 3. C
✘ 4. B

**Q.76** If '+' means '×', '-' means '÷', '×' means '+' and '÷' means '-' then what is the value of:

Question ID : **9888373268**
Status : **Answered**
Chosen Option : **3**

**208 – 4 + 3 ÷ 23 × 57**

A. 190
B. 195
C. 201
D. 290

**Ans**
✘ 1. B
✘ 2. D
✔ 3. A
✘ 4. C

**Q.77** Which two signs should be interchanged to make the following equation correct?

$5 \times 45 - 15 + 31 \div 41 = 5$

A. ÷ and –
B. × and +
C. ÷ and ×
D. × and -

Question ID : **9888373271**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. D
✘ 3. C
✘ 4. B

**Q.78** If Sinθ – Cosθ = 0, then what is the value of the expression:

$(Sin^6\theta + Cos^6\theta)$

A. 1
B. 3/4
C. 1/2
D. 1/4

Question ID : **9888373260**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. C
✘ 2. A
✘ 3. B
✔ 4. D

**Q.79** Which of the following is the idea that new species are formed from the sudden and unexpected emergence of alterations in their defining traits?

A. Natural Selection
B. Mutation
C. Recombination
D. Non – Random Mating

Question ID : **9888373223**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✔ 2. B
✘ 3. A
✘ 4. D

**Q.80** Compute: 7/5 + 31/21 + 23/52

A. 18339/5640
B. 18119/5460
C. 18330/4780
D. 18119/4780

Question ID : **9888373235**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

**Q.81** Due to which of the below mentioned reasons, do clouds float in the sky?

Question ID : **9888373233**
Status : **Answered**
Chosen Option : **4**

A. Low temperature
B. Low speed
C. Low pressure
D. Low density

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.82** The river Godavari does NOT pass through which of the following states?

Question ID : **9888373206**
Status : **Answered**
Chosen Option : **1**

A. Maharashtra
B. Gujarat
C. Chhattisgarh
D. Andhra Pradesh

**Ans**
✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

**Q.83** Given below are parts of a statement. Select the correct order of these parts to make a meaningful statement.

Question ID : **9888373285**
Status : **Answered**
Chosen Option : **2**

**P**: the impact business management choices

**Q**: the impact of climate change was

**R**: would have on profitability

**S**: not as significant as

A. PQRS
B. SRQP
C. PRQS
D. QSPR

**Ans**
✘ 1. B
✔ 2. D
✘ 3. A
✘ 4. C

**Q.84** An Integrated circuit, also referred as IC chip is a set of electronic circuit on a small plate is made of:

Question ID : **9888373226**
Status : **Answered**
Chosen Option : **3**

A. Copper
B. Silicon
C. Silica
D. Chromium

**Ans**
✘ 1. D
✘ 2. C
✔ 3. B
✘ 4. A

**Q.85** Which of the following is a waterborne disease causing acute gastrointestinal infection?

Question ID : **9888373200**
Status : **Answered**
Chosen Option : **2**

A. Cholera
B. Rabies
C. Pneumonia
D. Leprosy

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

---

**Q.86** Based on the statement(s) given below, choose the best possible conclusion(s) that follows:

Question ID : **9888373296**
Status : **Answered**
Chosen Option : **1**

**Statements:**

A. In case of outstanding candidates, the condition of previous experience in HR may be waived by the admission committee for MBA (HR).

**Conclusions:**

I. Some of the students for MBA (HR) will have previous experience in HR.
II. Some of the students for MBA (HR) will not have previous experience in HR.

A. Only conclusion I follows
B. Only conclusion II follows
C. Both conclusion I and II follow
D. Neither conclusion I nor II follows

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

---

**Q.87** If **HOUSE** is coded as **10-13-23-17-7**, then how will you code **REHEARSE**?

Question ID : **9888373264**
Status : **Answered**
Chosen Option : **4**

A. 20-7-10-7-3-20-21-7
B. 16-3-6-3-25-16-17-3
C. 20-3-10-3-3-16-21-3
D. 18-5-8-5-1-18-19-5

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

---

**Q.88** Under a new scheme, a bank offers an interest of 30% per annum compounded annually. Suraj deposits Rs. 10,000 under this new scheme and at the end of the tenure receives Rs. 28,561. What was the tenure of the scheme that Suraj had chosen?

Question ID : **9888373249**
Status : **Not Attempted**
Chosen Option : **--**

A. 2 years
B. 3.5 years
C. 4 years
D. 4.5 years

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

---

**Q.89** If two supplementary angles are in the ratio of 4 : 5, find the ratio of the square of the first angle to the square of the second angle.

Question ID : **9888373257**
Status : **Answered**
Chosen Option : **3**

A. 16 : 25
B. 64 : 125
C. 100 : 125
D. 25 : 16

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.90** In the question given below, are given two statements followed by a few conclusions as options. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions basically follows from the two given statements disregarding commonly known facts.

Question ID : **9888373283**
Status : **Answered**
Chosen Option : **3**

**Statements**:
A. All rivers are clouds
B. Some animals are rivers

**Conclusion:**
1. Some rivers are animals
2. Some clouds are rivers
3. All clouds are rivers
4. All animals are clouds

A. Conclusions 1 and 2 follow
B. Conclusions 1, 2 and 3 follow
C. Conclusions 1 and 3 follow
D. Conclusions 2, 3 and 4 follow

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.91** A fruit seller sells mangoes at the rate of Rs. 9 per kg and thereby loses 10%. At what price per kg should he sell in order to earn a profit of 5%?

Question ID : **9888373251**
Status : **Answered**
Chosen Option : **3**

A. Rs. 10
B. Rs. 10.5
C. Rs. 9.5
D. Rs. 11.11

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.92** Which of the following statues is an icon of freedom designed by a French Sculptor?

Question ID : **9888373221**
Status : **Answered**
Chosen Option : **4**

A. Statue of Unity
B. Statue of Liberty
C. Statue of Law
D. Statue of Zeus

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Q.93** If **KINGS** is coded as **RFMHJ**, then how will you code **QUEEN**?

Question ID : **9888373267**
Status : **Answered**
Chosen Option : **4**

A. RTDMD
B. MDDTP
C. VFFOT
D. EUULG

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.94** Four words are given below out of which three are alike in some manner and one is different. Which one is different from the rest?

Question ID : **9888373275**
Status : **Answered**
Chosen Option : **2**

A. Titan
B. Triton
C. Titania
D. Taurus

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

**Q.95** The youngest Indian woman to achieve the title of Grandmaster in Chess is :

Question ID : **9888373197**
Status : **Answered**
Chosen Option : **4**

A. Tania Sachdev
B. Dronavalli Harika
C. Humpy Koneru
D. Eesha Karavade

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.96** Which of the following cell organelles is found in the plant cell but not in animal cell?

Question ID : **9888373201**
Status : **Answered**
Chosen Option : **1**

A. Chloroplast
B. Endoplasmic Reticulum
C. Mitochondrion
D. Ribosome

**Ans**
✓ 1. A
✗ 2. C
✗ 3. B
✗ 4. D

**Q.97** Sound waves cannot travel in :

Question ID : **9888373203**
Status : **Answered**
Chosen Option : **4**

A. Air
B. Water
C. Vacuum
D. Steel

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.98** Based on the relationship between the first two words, find out the missing word.

**THE COLOSSEUM : ITALY :: PETRA : _____**

A. MEXICO
B. JORDAN
C. GERMANY
D. BRAZIL

Question ID : **9888373273**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Q.99** Arjun, travelling from Pune to Goa, covers a distance of 1000 km at 4 km/hr and the return journey at 3 km/hr. What was his average speed during his entire journey?

A. 3 km/hr
B. 3.43 km/hr
C. 3.5 km/hr
D. 5.4 km/hr

Question ID : **9888373246**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.100** In MS Excel, what is function inside another function called?

A. Round function
B. Sandwich function
C. Switch function
D. Nested function

Question ID : **9888373227**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. C
✗ 4. A

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 28th March 2016 Shift 1

| | |
|---|---|
| Roll No: | 000000000000000 |
| Participants Name: | AAAAAAAAAAA |
| Test Center Name: | All India Institute of Local Self Government,Delhi |
| Test Date: | 28/03/2016 |
| Test Time: | 09:00 AM - 10:30 AM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** The dance form Kuchipudi originated from which part of India?

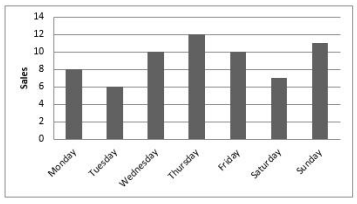
Question ID : **205523535**
Status : **Answered**
Chosen Option : **3**

A. Tamil Nadu
B. Maharashtra
C. Andhra Pradesh
D. Odisha

**Ans**
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

**Q.2** The number of bicycles sold by a shopkeeper in a particular week is shown below. How many bicycles were sold from Thursday to Sunday?

Question ID : **205523581**
Status : **Answered**
Chosen Option : **2**




A. 39
B. 38
C. 40
D. 36

**Ans**
✘ 1. B
✔ 2. C
✘ 3. D
✘ 4. A

**Q.3** Which river used to be called the 'Sorrow of Bengal'?

A. Brahmaputra
B. Hooghly
C. Bhagirathi
D. Damodar

Question ID : **205523538**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

---

**Q.4** How many moons does the planet Mars have?

A. 1
B. 2
C. 3
D. 4

Question ID : **205523530**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

---

**Q.5** The distance between two places, A and B, is 300 km. Two riders, on scooters start simultaneously from A and B towards each other. The distance between them after 2.5hrs is 25 km. If the speed of one scooter is 10 km/hr more than the other, find the speed of each scooter in km/hr.

A. 50 and 60
B. 30 and 40
C. 40 and 50
D. 60 and 70

Question ID : **205523571**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✘ 1. C
✔ 2. A
✘ 3. D
✘ 4. B

---

**Q.6** If $(a^2 - b^2) \div (a + b) = 25$, find a−b.

A. 15
B. 18
C. 25
D. 30

Question ID : **205523572**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.7** What is the shape of the Earth?

A. Perfect hemisphere
B. Mostly flat
C. Perfect Sphere
D. Oblate Sphere

Question ID : **205523531**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.8** Who gave the slogan 'Do or Die' during India's freedom struggle?

A. Veer Savarkar
B. Nethaji Subhas Chandra Bose
C. Mahatma Gandhi
D. Subramanya Bharati

Question ID : **205523534**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

**Q.9** Calculate the amount on Rs. 37,500 @ 8% p.a compounded half yearly for $1\frac{1}{2}$ years.

A. Rs. 42,182.40
B. Rs. 42,000
C. Rs. 42,120
D. Rs. 42,812.40

Question ID : **205523579**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

**Q.10** When did Vasco da Gama land in India?

A. 1492
B. 1498
C. 1948
D. 1857

Question ID : **205523551**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.11** In 2014, the _____ Lok Sabha was elected.

Question ID : **205523552**
Status : **Answered**
Chosen Option : **3**

A. 16th
B. 19th
C. 14th
D. 23rd

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.12** Arteries carry blood, that is filled with

Question ID : **205523542**
Status : **Answered**
Chosen Option : **4**

A. Oxygen
B. Carbon dioxide
C. Toxins
D. Lipids

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

**Q.13** Pick the odd one out:

**28, 44, 68, 80, 92**

Question ID : **205523595**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. 28
B. 44
C. 80
D. 92

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.14** Find the product of square root of 16 and square of 4?

Question ID : **205523559**
Status : **Answered**
Chosen Option : **3**

A. 8
B. 64
C. 16
D. 256

**Ans**
✗ 1. A
✗ 2. C

✔ 3. B

✘ 4. D

**Q.15** In a company 10 employees get a salary of Rs. 36,200 each and 15 employees get a salary of Rs. 33,550 each. What is the average salary per employee?

A. 34,875
B. 34,610
C. 27,900
D. 36,410

Question ID : **205523570**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. A
✘ 3. D
✔ 4. B

**Q.16** Find the odd one out.

**1, 8, 27, 36, 125, 216**

A. 1
B. 8
C. 36
D. 216

Question ID : **205523590**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. B
✔ 2. C
✘ 3. D
✘ 4. A

**Q.17** What is the desert adjoining the Thar desert called in Pakistan?

A. Gobi
B. Cholistan
C. Sukkur
D. Mirpur

Question ID : **205523554**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

**Q.18** Mohan is taller than Rohan but shorter than Farhan. Kannan is shorter than Mohan but taller than Rohan. Shankar is taller than Rohan and Farhan. Who is the tallest?

A. Mohan
B. Farhan
C. Shankar
D. Kannan

Question ID : **205523593**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✘ 1. D
✘ 2. B
✘ 3. A
✔ 4. C

Q.19 Which of the following is true?

Question ID : **205523517**
Status : **Answered**
Chosen Option : **4**

A. 1 Gigabyte = 1024 MB
B. 1 Gigabyte = 1,000,000 Kilobytes
C. 1 Gigabyte = 10,000 MB
D. 1 Gigabyte = 100,000 KB

Ans
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

Q.20 If **COW=41**, **GOAT=43**, then **DOG**=?

Question ID : **205523587**
Status : **Answered**
Chosen Option : **2**

A. 47
B. 38
C. 25
D. 26

Ans
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Comprehension:**

**Read the following information and answer the following questions.**

Five girls are sitting in front, facing you.
Ruhi and Manali respectively are sitting to the right and left of Urja.
Dhwani is sitting between Manali and Tanya.

**SubQuestion No : 21**

Q.21 How many girls are there between Dhwani and Ruhi?

Question ID : **205523604**
Status : **Answered**
Chosen Option : **1**

A. 1
B. 2
C. 3
D. 4

Ans
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

**Comprehension:**

**Read the following information and answer the following questions.**

Five girls are sitting in front, facing you.

Ruhi and Manali respectively are sitting to the right and left of Urja.

Dhwani is sitting between Manali and Tanya.

**SubQuestion No : 22**

**Q.22** Who is sitting in the middle?

A. Dhwani

B. Urja

C. Manali

D. Tanya

Question ID : **205523602**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Comprehension:**

**Read the following information and answer the following questions.**

Five girls are sitting in front, facing you.

Ruhi and Manali respectively are sitting to the right and left of Urja.

Dhwani is sitting between Manali and Tanya.

**SubQuestion No : 23**

**Q.23** Who is sitting to the right of Tanya?

A. Ruhi

B. Manali

C. Dhwani

D. Urja

Question ID : **205523603**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. A
✘ 2. D
✔ 3. C
✘ 4. B

**Q.24** Which among the below choices can cause a Tsunami (also known as harbor wave)

A. Under sea earthquakes

B. Typhoon

C. Volcanic eruptions on land

D. Drought

Question ID : **205523526**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

**Q.25** In the following number series, one missing term is shown by '?'. Choose the missing term from the options below.

**6, 12, 20, 30, ?, 56, 72**

A. 40
B. 42
C. 44
D. 48

Question ID : **205523591**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Q.26** Raj scored 67, 69, 78, and 88 in 4 of his subjects. What should be his score in the 5th subject so that his average equals 80?

A. 88
B. 90
C. 96
D. 98

Question ID : **205523582**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

**Q.27** Aruna Asaf Ali is remembered for hoisting the Indian National Congress Flag at

A. Non-cooperation Movement.
B. Civil Disobedience Movement
C. Self-rule Movement
D. Quit India Movement

Question ID : **205523521**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.28** A man buys 144 oranges for Rs.360 and sells them at a gain of 10%. At what rate per dozen does he sell them?

A. 25
B. 30
C. 33
D. 36

Question ID : **205523568**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

**Q.29** Three bells ring at intervals of 15, 20 and 30 minutes respectively. If they all ring at 11.00 a.m. together, at what time will they next ring together?

A. 11.30 a.m.
B. 12 noon
C. 12.30 p.m.
D. 1.00 p.m.

Question ID : **205523562**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.30** Aman and Ajay can build a wall in 9 days and 12 days respectively. In how many days can they finish the work if they work together?

A. $5\frac{1}{7}$
B. $11\frac{1}{2}$
C. 2
D. 7

Question ID : **205523574**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. A
✗ 4. C

**Q.31** Which of the following is also called Marsh Gas?

A. Propane
B. Ethane
C. Methane
D. Butane

Question ID : **205523524**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.32** Five students Priyanka, Mary, Sunil, Asha and Ryan are standing in a line. Priyanka and Sunil are standing ahead of Ryan. Sunil is standing between Ryan and Asha. Between Sunil and Mary, Ryan is standing. Who is the first in the line?

A. Asha
B. Sunil
C. Ryan
D. Priyanka

Question ID : **205523597**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.33** What should be subtracted from 107.03 to get 96.4?

A. 1.63
B. 10.63
C. 10.53
D. 9.63

Question ID : **205523564**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.34** Julia started walking towards North direction from her house. After a while she turned left and later on turned right. She further turned right. Which direction is she facing now?

A. East
B. West
C. North
D. South

Question ID : **205523592**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans
1. B
2. A
3. D
4. C

**Q.35** How much is one decalitre?

A. 10 kilolitre
B. 10 litre
C. 100 litre
D. 10 centilitre

Question ID : **205523557**
Status : **Answered**
Chosen Option : **1**

Ans
1. D
2. B
3. C
4. A

**Q.36** Anil bought 100 eggs at Rs.6 per egg. He sold 25 eggs at 10% profit, another 25 eggs at 25% loss and the balance 50 eggs at 20% profit. Find the overall profit or loss percent Anil made?

A. 6.25% loss
B. 6.25% profit
C. 8% profit
D. 12% loss

Question ID : **205523569**
Status : **Answered**
Chosen Option : **2**

Ans
1. A
2. C
3. D
4. B

**Q.37** Who is thought to have invented the thermo scope?

A. Galileo Galilei
B. Copernicus
C. Isaac Newton
D. J. Kepler

Question ID : **205523541**
Status : **Answered**
Chosen Option : **3**

Ans
1. A
2. C
3. D
4. B

**Q.38** In a running race, if you overtake the last but one contestant, which position are you in?

A. Last
B. Second from last
C. Third from last
D. Fourth from last

Question ID : **205523607**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. D
2. A
3. B
4. C

**Q.39** Find the odd one out : **External Hard drive, Keyboard, Digital camera, Compact Disc**

A. External Hard drive
B. Keyboard
C. Digital camera
D. Compact Disc

Question ID : **205523516**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

**Q.40** Meena took a car loan for Rs.275,000 from the bank. She paid an interest @ 8% p.a. and settled the account after 3 years. At the time of settlement she gave her old scooter to the bank plus Rs.335,000. What price did the scooter fetch?

A. 60,000
B. 6,000
C. 66,000
D. 6,600

Question ID : **205523567**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.41** A tank can be filled by two taps X and Y in 5 hrs and 10 hrs respectively while another tap Z empties the tank in 20 hrs. In how many hours can the tank be filled if all 3 taps are kept open?

A. 5
B. 4
C. 7
D. 8

Question ID : **205523575**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.42** A man travelling by bus finds that the bus crosses 35 electric poles in 1 minute and the distance between 2 poles is 50 metres. Find the speed of the bus.

A. 112 km/hr.
B. 102 km/hr.
C. 110 km/hr.
D. 120 km/hr.

Question ID : **205523573**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.43** **Blunt: Sharp** as **Sow** :

A. Reap
B. Seeds
C. Farmer
D. Crop

Question ID : **205523617**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. A
✗ 2. B

✗ 3. C

✗ 4. D

**Q.44** If Cot A= $\frac{12}{5}$ then (Sin A+Cos A)× Cosec A is?

Question ID : **205523585**
Status : **Answered**
Chosen Option : **1**

A. 12/5

B. 17/5

C. 11/5

D. 2

**Ans**
✓ 1. B

✗ 2. D

✗ 3. C

✗ 4. A

**Q.45** As the frequency of a wave increases, what happens to its wavelength?

Question ID : **205523555**
Status : **Answered**
Chosen Option : **1**

A. It increases

B. It remains same

C. It decreases

D. There is no connection between the two

**Ans**
✓ 1. C

✗ 2. D

✗ 3. B

✗ 4. A

**Q.46** A seven-sided polygon is called

Question ID : **205523577**
Status : **Answered**
Chosen Option : **4**

A. Nonagon

B. Hexagon

C. Heptagon

D. Octagon

**Ans**
✗ 1. D

✗ 2. B

✗ 3. A

✓ 4. C

**Q.47** In BRICS, which country is denoted by 'B'?

Question ID : **205523544**
Status : **Answered**
Chosen Option : **2**

A. Bangladesh

B. Belgium

C. Brazil

D. Bahrain

**Ans**
✗ 1. D

✓ 2. C

3. A

4. B

**Q.48** **Circle: Circumference** as **Square**:

A. Sides
B. Area
C. Perimeter
D. Diagonal

Question ID : **205523618**
Status : **Answered**
Chosen Option : **1**

**Ans** 1. C

2. D

3. A

4. B

**Q.49** Which is the capital of Cyprus?

A. Nicosia
B. Polis
C. Lamaca
D. Araddipou

Question ID : **205523545**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans** 1. D

2. C

3. A

4. B

**Q.50** If **AMERICA=1734651**, **INDIA=68961**, how will you write **CANADA**?

A. 719181
B. 518191
C. 519581
D. 715148

Question ID : **205523586**
Status : **Answered**
Chosen Option : **3**

**Ans** 1. C

2. D

3. B

4. A

**Q.51** World Tuberculosis (TB) day is observed on?

A. 28th March
B. 24th March
C. 24th May
D. 28th May

Question ID : **205523525**
Status : **Answered**
Chosen Option : **2**

**Ans** 1. D

2. B

3. A

4. C

**Q.52** A's height is 5/8th of B's height. What is the ratio of B's height to A's height?

Question ID : **205523565**
Status : **Answered**
Chosen Option : **2**

A. 5:8
B. 3:8
C. 5:3
D. 8:5

**Ans**
1. C
2. D
3. B
4. A

**Q.53** The product of 2 numbers is 35828 and their HCF is 26. Find their LCM.

Question ID : **205523583**
Status : **Answered**
Chosen Option : **4**

A. 931788
B. 689
C. 1378
D. 3583

**Ans**
1. D
2. A
3. B
4. C

**Q.54** Which number will be in the middle if the following numbers are arranged in descending order?
**4456, 4465, 4655, 4665, 4565**

Question ID : **205523600**
Status : **Answered**
Chosen Option : **2**

A. 4456
B. 4465
C. 4565
D. 4655

**Ans**
1. A
2. C
3. B
4. D

**Q.55** In which State is Karla, famous for its Buddhist caves, located?

Question ID : **205523549**
Status : **Answered**
Chosen Option : **3**

A. Maharashtra
B. Uttar Pradesh
C. Uttarakhand
D. Madhya Pradesh

**Ans**
1. A
2. B
3. D
4. C

**Q.56** Two-thirds of children are in the age group 1-12 years. Of this, if three-fourths are in the age group of 1-8 years find the fraction of children in the age group of 9-12 years?

A. 1/3
B. 1/4
C. 1/6
D. 1/2

Question ID : **205523563**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

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**Q.57** The Rowlatt Act was passed in which year?

A. 1919
B. 1921
C. 1923
D. 1916

Question ID : **205523522**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

---

**Q.58** Read statements 1 and 2. Also read the conclusions 3 and 4 drawn from the statements.

**Statement**:

1. Some birds are Donkeys.
2. All donkeys are stupid.

**Conclusions**:

3. All birds are stupid.
4. Some birds are stupid.

**Choose which of the conclusions are right.**

A. Only 3 is correct
B. Only 4 is correct
C. Both 3 and 4 are correct
D. Neither 3 nor 4 is correct

Question ID : **205523606**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

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**Q.59** Which boxer is nicknamed 'The Real Deal'?

A. Mike Tyson
B. Mohammed Ali
C. Evander Holyfield
D. Joe Louis

Question ID : **205523547**
Status : **Answered**
Chosen Option : **2**

Ans
1. B
2. A
3. C
4. D

**Q.60** Arrange the following word in alphabetical order and find the third word?

**Singer, Single, Sinister, Simple.**

A. Single
B. Singer
C. Sinister
D. Simple

Question ID : **205523598**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. D
3. C
4. A

**Q.61** A man sells a table for Rs. 4200 at 25% loss. At what price must he sell to get a profit of 25%?

A. 1,400
B. 8,400
C. 7,000
D. 5,600

Question ID : **205523576**
Status : **Answered**
Chosen Option : **4**

Ans
1. D
2. B
3. A
4. C

**Q.62** Who is a hacker?

A. A person who sells goods in the street.
B. A person who uses computers to gain unauthorized access to data.
C. A person who only sells computers online.
D. A person who records phone calls.

Question ID : **205523518**
Status : **Answered**
Chosen Option : **4**

Ans
1. A
2. D
3. C
4. B

**Q.63** If your father were your mother, your mother your brother, your brother your sister and your sister your father, how would you call your sister?

A. Father
B. Mother
C. Brother
D. Sister

Question ID : **205523605**
Status : **Answered**
Chosen Option : **2**

Ans
1. D
2. A
3. B
4. C

**Q.64** Which of the following are called supplementary angles?

Question ID : **205523560**
Status : **Answered**
Chosen Option : **2**

A. Angles totalling 180°
B. Angles totalling 135°
C. Angles totalling 75°
D. Angles totalling 90°

**Ans**
✔ 1. A
✘ 2. D
✘ 3. B
✘ 4. C

**Q.65** What is the measure of the two equal angles of a right isosceles triangle?

Question ID : **205523558**
Status : **Answered**
Chosen Option : **2**

A. 30°
B. 45°
C. 60°
D. 90°

**Ans**
✘ 1. A
✔ 2. B
✘ 3. D
✘ 4. C

**Q.66** What percent of 1 hour is 1 minute and 12 seconds?

Question ID : **205523566**
Status : **Answered**
Chosen Option : **1**

A. 2%
B. 12%
C. 11%
D. 1.2%

**Ans**
✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

**Q.67** Mrinalini Sarabhai passed away recently. Who was she?

Question ID : **205523550**
Status : **Answered**
Chosen Option : **1**

A. Film Actress
B. Scientist
C. Classical Dancer
D. Playback Singer

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.68** Unscramble the letters 'CCITRKE' to form an English word and find the fifth letter of the unscrambled word?

A. C
B. K
C. E
D. I

Question ID : **205523596**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.69** What was the name of Maharana Pratap's horse?

A. Bulbul
B. Chetak
C. Hayagriva
D. Badal

Question ID : **205523533**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

**Q.70** The function of the lens in our eyes is to

A. Cover the eyes
B. Send messages of images to the brain
C. Change the focal distance of the eye
D. Protects eyes from injury.

Question ID : **205523527**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

**Q.71** In India who is the executive head of the state?

A. Prime Minister
B. The President
C. The Chief justice of Supreme Court
D. The Governor

Question ID : **205523539**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

**Q.72** Who is believed to have built the Konark Temple?

Question ID : **205523543**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. Raja Kulothunga
B. Narasimha Deva I
C. Vishnugopa
D. Mahipala

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.73** Who invented Penicillin?

Question ID : **205523537**
Status : **Answered**
Chosen Option : **3**

A. Ian Fleming
B. Alexander Fleming
C. Stephen Hawking
D. Alexander Graham Bell

**Ans**
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.74** If **TEACHER: BOOKS, DOCTOR: ?**

Question ID : **205523588**
Status : **Answered**
Chosen Option : **4**

A. Chalk
B. Cycle
C. Stethoscope
D. Apron

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.75** Which was the first satellite to orbit our Moon?

Question ID : **205523529**
Status : **Answered**
Chosen Option : **4**

A. Luna 2
B. Luna 10
C. Apollo 10
D. Apollo 11

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.76** Find the odd one out:

**Ostrich, Crow, Pigeon, Sparrow.**

A. Ostrich
B. Pigeon
C. Crow
D. Sparrow

Question ID : **205523616**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. A
✗ 4. C

**Q.77** Science of the study of preserved remains or traces of animals, plants, and other organisms from the remote past is called

A. Anthropology
B. Archaeology
C. Paleontology
D. Pharmacology

Question ID : **205523528**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.78** With which sport is Karnam Malleswari associated?

A. Tennis
B. Swimming
C. Athletics
D. Weightlifting

Question ID : **205523548**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Q.79** How many prime numbers are there between 50 and 100?

A. 6
B. 10
C. 13
D. 5

Question ID : **205523556**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

Q.80 If Christmas was on Sunday in 2011, what day will it be in 2012?

Question ID : **205523594**
Status : **Answered**
Chosen Option : **4**

A. Monday
B. Tuesday
C. Wednesday
D. Thursday

Ans
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

Q.81 Emperor Ashoka was the successor of?

Question ID : **205523520**
Status : **Answered**
Chosen Option : **3**

A. Chandragupta Maurya
B. Bindusara
C. Susima
D. Dasharatha

Ans
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

**Comprehension:**

Amar, Babu, Cera and Diya were asked to solve a question paper with 4 multiple choice questions with choices 1,2,3,4. The answer sheet as marked by them is reproduced here.

| | Amar | Babu | Cera | Diya |
|---|---|---|---|---|
| **Q1** | 2 | 1 | 1 | 3 |
| **Q2** | 4 | 3 | 2 | 4 |
| **Q3** | 3 | 4 | 3 | 1 |
| **Q4** | 3 | 2 | 2 | 4 |

Babu got all answers wrong. Amar's first two answers were definitely wrong. Diya got two answers right but her fourth answer was definitely wrong. Amar and Cera each have got only one correct answer.

**SubQuestion No : 82**

Q.82 Which of Cera's question is correct?

Question ID : **205523613**
Status : **Answered**
Chosen Option : **3**

A. Q1
B. Q2
C. Q3
D. Q4

Ans
✗ 1. A
✗ 2. C
✗ 3. D

✔ 4. B

**Comprehension:**

Amar, Babu, Cera and Diya were asked to solve a question paper with 4 multiple choice questions with choices 1,2,3,4. The answer sheet as marked by them is reproduced here.

| | Amar | Babu | Cera | Diya |
|---|---|---|---|---|
| **Q1** | 2 | 1 | 1 | 3 |
| **Q2** | 4 | 3 | 2 | 4 |
| **Q3** | 3 | 4 | 3 | 1 |
| **Q4** | 3 | 2 | 2 | 4 |

Babu got all answers wrong. Amar's first two answers were definitely wrong. Diya got two answers right but her fourth answer was definitely wrong. Amar and Cera each have got only one correct answer.

**SubQuestion No : 83**

**Q.83** Whose answer to Q4 is correct?

Question ID : **205523614**
Status : **Answered**
Chosen Option : **1**

A. Amar
B. Babu
C. Diya
D. None

**Ans**
✘ 1. D
✘ 2. B
✔ 3. A
✘ 4. C

**Comprehension:**

Amar, Babu, Cera and Diya were asked to solve a question paper with 4 multiple choice questions with choices 1,2,3,4. The answer sheet as marked by them is reproduced here.

| | Amar | Babu | Cera | Diya |
|---|---|---|---|---|
| **Q1** | 2 | 1 | 1 | 3 |
| **Q2** | 4 | 3 | 2 | 4 |
| **Q3** | 3 | 4 | 3 | 1 |
| **Q4** | 3 | 2 | 2 | 4 |

Babu got all answers wrong. Amar's first two answers were definitely wrong. Diya got two answers right but her fourth answer was definitely wrong. Amar and Cera each have got only one correct answer.

**SubQuestion No : 84**

**Q.84** Which two answers of Diya is correct?

Question ID : **205523615**
Status : **Answered**
Chosen Option : **4**

A. Q1 and Q2
B. Q1 and Q3
C. Q2 and Q3
D. Q3 and Q4

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Q.85** If 'A' is the son of 'B' and is the father of 'C', how is 'B' related to 'C'?

Question ID : **205523589**
Status : **Answered**
Chosen Option : **3**

A. Father
B. Son
C. Grandparent
D. Grandchild

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.86**

Question ID : **205523584**
Status : **Answered**
Chosen Option : **4**

Simplify $\sqrt{(1-sin^2\theta) \div (1-cos^2\theta)}$

A. Cot θ
B. Tan θ
C. Sec θ
D. Cosec θ

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Q.87** Atomic weight of an element is compared with which of the following to get the atomic weight of that element?

Question ID : **205523523**
Status : **Answered**
Chosen Option : **3**

A. Oxygen
B. Carbon
C. Hydrogen
D. Nitrogen

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Comprehension:**

**Read the following information and answer the following questions.**

In a class of 40 students, 28 can speak Tamil and 30 can speak Telugu.

All students can speak at least one of the two languages.

**SubQuestion No : 88**

Q.88 Find the number of persons who can speak only Telugu?

Question ID : **205523611**
Status : **Answered**
Chosen Option : **4**

A. 8

B. 10

C. 12

D. 14

Ans
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

---

**Comprehension:**

**Read the following information and answer the following questions.**

In a class of 40 students, 28 can speak Tamil and 30 can speak Telugu.

All students can speak at least one of the two languages.

**SubQuestion No : 89**

Q.89 Find the minimum number of students who can speak both Tamil and Telugu.

Question ID : **205523609**
Status : **Answered**
Chosen Option : **2**

A. 12

B. 15

C. 18

D. 22

Ans
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

---

**Comprehension:**

**Read the following information and answer the following questions.**

In a class of 40 students, 28 can speak Tamil and 30 can speak Telugu.

All students can speak at least one of the two languages.

**SubQuestion No : 90**

Q.90 Find the number of students who can speak only Tamil.

Question ID : **205523610**
Status : **Answered**
Chosen Option : **2**

A. 8

B. 10

C. 12

D. 14

Ans
✓ 1. B
✗ 2. C

3. A

4. D

**Q.91** Rajiv said, pointing to a girl, "She is the only daughter of the father of my sister's brother". If so how is the girl related to Rajiv?

A. Mother
B. Aunt
C. Sister
D. Sister-in-law.

Question ID : **205523599**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. D
2. A
3. B
4. C

**Q.92** Ram is 4 times his son's age today. Five years hence, Ram will be thrice his son's age. Find their current ages?

A. 60,15
B. 40,10
C. 20,5
D. 32,8

Question ID : **205523561**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. C
2. D
3. B
4. A

**Q.93** Where can you find the Golden Temple of Dambulla?

A. Amritsar
B. Sri Lanka
C. Indonesia
D. Malaysia

Question ID : **205523536**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
1. B
2. D
3. A
4. C

**Q.94** From the following which is an example of a single-celled organism?

A. Protozoa
B. Anthropods
C. Echinoderms
D. Annelids

Question ID : **205523532**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. A
2. D
3. B
4. C

**Q.95** Which two teams played the first official international cricket match?

Question ID : **205523546**
Status : **Answered**
Chosen Option : **2**

A. England and Australia
B. England and West Indies
C. USA and Canada
D. Australia and India

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.96** Which of this is not a memorial to a dead person?

Question ID : **205523553**
Status : **Answered**
Chosen Option : **4**

A. Bibi ka Maqbara
B. Taj Mahal
C. Charminar
D. Itmad Ud Daulah

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.97** XCVI denotes

Question ID : **205523578**
Status : **Answered**
Chosen Option : **1**

A. 116
B. 496
C. 96
D. 84

**Ans**
✘ 1. A
✔ 2. C
✘ 3. B
✘ 4. D

**Q.98** When was the Indian Constitution amended for the first time?

Question ID : **205523519**
Status : **Answered**
Chosen Option : **4**

A. 1949
B. 1951
C. 1952
D. 1953

**Ans**
✘ 1. D
✘ 2. C
✔ 3. B
✘ 4. A

**Q.99** Find two consecutive numbers where thrice the first number is more than twice the second number by 5.

A. 5 and 6
B. 6 and 7
C. 7 and 8
D. 9 and 10

Question ID : **205523580**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.100** Which is the smallest continent?

A. Australia
B. Antarctica
C. Africa
D. South America

Question ID : **205523540**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 28th March 2016 Shift 3

| | |
|---|---|
| Roll No: | 17327939030361 |
| Participants Name: | ARVIND KUMAR MALIA |
| Test Center Name: | iON Digital Zone iDZ, Green Park |
| Test Date: | 28/03/2016 |
| Test Time: | 04:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** यदि कोई व्यक्ति किसी पंक्ति में दोनों ओर से 14वें स्थान पर हो, तो पंक्ति में कुल कितने लोग हैं?

Question ID : **205523691**
Status : **Answered**
Chosen Option : **2**

A. 24
B. 25
C. 26
D. 27

**Ans**
✗ 1. C
✓ 2. D
✗ 3. B
✗ 4. A

**Q.2** नीचे कथन और उनके बाद कुछ निष्कर्ष दिए गए हैं। आपको दिए गए कथनों को सही मान कर चलना है चाहे वे सामान्य ज्ञात तथ्यों से भिन्न प्रतीत होते हों।

Question ID : **205523719**
Status : **Answered**
Chosen Option : **2**

**कथन:**
1) युवा बहुत महत्वाकांक्षी हैं।
2) बहुत सारे बुरे लोग युवा पीढ़ी को बिगाड़ रहे हैं।

**निष्कर्ष:**
I. युवाओं को नहीं पता कि किस पर विश्वास किया जाए।
II. कुछ युवा बुरे प्रभाव की वजह से अपने लक्ष्य से भटक जाते हैं।

**तय कीजिए कि दिया गया कौन सा (से) निष्कर्ष दिए गए कथनों का तार्किक रूप से अनुसरण करता (करते) है (हैं)।**

A. केवल निष्कर्ष I अनुसरण करता है
B. केवल निष्कर्ष II अनुसरण करता है
C. I और II दोनों अनुसरण करते हैं
D. कोई अनुसरण नहीं करता है

**Ans**
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.3**

Question ID : **205523687**
Status : **Answered**
Chosen Option : **3**

1 बिलियन ÷ 1000 क्या है?

A. 1 करोड़
B. 1 लाख
C. 10 करोड़
D. 10 लाख

Ans
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

---

Q.4 पारिस्थितिकी तंत्र (ecosystem) की संकल्पना को किसने परिभाषित किया था?

Question ID : **205523656**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. आर्थर ट्रांसले (Arthur Tansley)
B. एवलिन हचिंसन (Evelyn Hutchinson)
C. रेमंड लिंडेमैन (Raymond Lindeman)
D. चार्ल्स एल्टन (Charles Elton)

Ans
✔ 1. A
✘ 2. D
✘ 3. C
✘ 4. B

---

Q.5 निम्नलिखित में से कौन सा शहर वास्तुकला की दृष्टि से नियोजित शहर है?

Question ID : **205523653**
Status : **Answered**
Chosen Option : **4**

A. नई दिल्ली
B. बंगलुरू
C. मुंबई
D. चंडीगढ़

Ans
✘ 1. A
✔ 2. D
✘ 3. C
✘ 4. B

---

Q.6 दुनिया में बोली जाने वाली दूसरी सबसे बड़ी भाषा कौन सी है?

Question ID : **205523636**
Status : **Answered**
Chosen Option : **3**

A. मैंडरिन
B. स्पेनिश
C. अंग्रेज़ी
D. हिंदी

Ans
✘ 1. D
✘ 2. C
✔ 3. B
✘ 4. A

---

Q.7 हल करें: $\frac{3\sqrt{121}-\sqrt{361}}{\sqrt{529}+2\sqrt{36}}$

Question ID : **205523659**
Status : **Answered**
Chosen Option : **4**

A. 3/5
B. 4/7
C. 1/4
D. 2/5

Ans
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

Q.8 समलम्ब (Trapezium) एक चतुर्भुज है जिसकी

A. सभी भुजाएँ एक समान होती हैं
B. विपरीत भुजाएँ एक समान होती हैं
C. समानांतर विपरीत भुजाओं के दो जोड़े होते हैं
D. समानांतर विपरीत भुजाओं का एक जोड़ा होता है

Question ID : **205523663**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

Q.9 मानव शरीर में सबसे छोटी हड्डी कौन सी है?

A. टिबिआ (Tibia)
B. ट्रेपेजियम (Trapezium)
C. स्टेपीज़ (Stapes)
D. जांघ की हड्डी (Femur)

Question ID : **205523642**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

Q.10 यदि **HIDE**=1440, तो **WIDE** क्या होगा?

A. 1560
B. 3265
C. 4140
D. 2580

Question ID : **205523709**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

Q.11 वर्तमान में हमारे द्वारा उपयोग किए जाने वाले रासायनिक प्रतीकों की उपयोग विधि किसने तैयार की थी?

A. लुई पाश्चर (Louis Pasteur)
B. रॉबर्ट बॉयल (Robert Boyle)
C. बर्जेलियस (Berzelius)
D. जॉन डाल्टन (John Dalton)

Question ID : **205523625**
Status : **Answered**
Chosen Option : **3**

Ans
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

Q.12

Question ID : **205523685**
Status : **Answered**

cosec $\theta \times \tan\theta \div cos\theta$ का मान ज्ञात करें।

Chosen Option : **2**

A. Sin$\theta$
B. $1/\sin^2\theta$
C. $1/\cos^2\theta$
D. Cos$\theta$

Ans
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

---

**Q.13** 2015 में मिस यूनिवर्स पैजेंट किसने जीती थी?

Question ID : **205523621**
Status : **Answered**
Chosen Option : **4**

A. मोनिका रादुलोविक (Monika Radulovic)
B. पिया वुर्ट्ज़बैक (Pia Wurtzbach)
C. असिआदना गुतिएर्रेज़ (Asiadna Gutierrez)
D. ओलिविया जॉर्डन (Olivia Jordan)

Ans
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

---

**Q.14** पीछे की ओर उड़ने वाला एकमात्र पक्षी कौन सा है?

Question ID : **205523627**
Status : **Answered**
Chosen Option : **1**

A. हमिंगबर्ड (Hummingbird)
B. कीवी (Kiwi)
C. अल्बाट्रोस (Albatross)
D. बाज (Eagle)

Ans
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

---

**Q.15** भारतीय विज्ञान संस्थान कहां पर स्थित है?

Question ID : **205523652**
Status : **Answered**
Chosen Option : **4**

A. कानपुर
B. बंगलुरू
C. मुंबई
D. चेन्नई

Ans
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

---

**Q.16**

Question ID : **205523629**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

मारियाना ट्रेंच (Mariana Trench) किस महासागर में स्थित है?

A. अटलांटिक महासागर
B. प्रशांत महासागर
C. हिंद महासागर
D. दक्षिणी महासागर

Ans
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.17** एक बुक शेल्फ के किसी हिस्से में 30 पुस्तकें विज्ञान, सामान्य ज्ञान, अंग्रेजी साहित्य और हिंदी उपन्यास से संबंधित हैं। प्रत्येक विज्ञान पुस्तक एक अंग्रेजी साहित्य पुस्तक के आगे रखी गई है, प्रत्येक सामान्य ज्ञान पुस्तक के आगे एक हिन्दी उपन्यास है तथा कोई भी सामान्य ज्ञान पुस्तक विज्ञान पुस्तक के आगे नहीं है। अंग्रेजी और हिन्दी पुस्तकें कभी भी एक दूसरे के अगल-बगल नहीं रखी जाती। यदि बायीं तरफ विज्ञान की पुस्तक हो तो दायीं ओर की पुस्तकों का संभावित क्रम क्या होगा?

A. विज्ञान, अंग्रेजी साहित्य, सामान्य ज्ञान, हिंदी
B. विज्ञान, अंग्रेजी साहित्य, हिंदी, सामान्य ज्ञान
C. विज्ञान, हिन्दी, अंग्रेजी साहित्य, सामान्य ज्ञान
D. विज्ञान, हिंदी, सामान्य ज्ञान, अंग्रेजी साहित्य

Question ID : **205523696**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans
✗ 1. B
✗ 2. C
✗ 3. D
✓ 4. A

**Q.18** यदि ÷ का अर्थ -, × का अर्थ +, - का अर्थ × एवं + का अर्थ ÷ हो तो **(7 × 3 + 2) - 6 ÷ 4** का मान बताएं

A. 4/17
B. 1
C. 6
D. 21

Question ID : **205523699**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.19** कंप्यूटर के संदर्भ में लैन (LAN) का क्या तात्पर्य है?

A. लार्जेस्ट एरिया नेटवर्क (Largest Area Network)
B. लोकल एरिया नेटवर्क (Local Area Network)
C. लीगल एरिया नेटवर्क (Legal Area Network)
D. लॉन्गेस्ट एरिया नेटवर्क (Longest Area Network)

Question ID : **205523619**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. B
✗ 2. C
✗ 3. A
✗ 4. D

**Q.20** निम्नलिखित में से कौन सा न्यूनतम छिद्रयुक्त (porous) है?

A. रेतीली मिट्टी (Sandy Soil)
B. गाद-भरी मिट्टी (Silty Soil)
C. चिकनी मिट्टी (Clay Soil)
D. खारी मिट्टी (Saline Soil)

Question ID : **205523655**
Status : **Answered**
Chosen Option : **3**

Ans
✓ 1. C
✗ 2. B

✗ 3. D

✗ 4. A

**Q.21** निम्नलिखित समीकरण को सही बनाने के लिए किन दो चिह्नों को आपस में बदल दिया जाना चाहिए?

$3 + 2 \times 6 - 4 \div 5 = 10$

A. + तथा ×
B. + तथा -
C. × तथा ÷
D. + तथा ÷

Question ID : **205523698**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**

✗ 1. B

✗ 2. A

✓ 3. D

✗ 4. C

**Q.22** 0.000825÷0.05 का मान क्या है

A. 0.0165
B. 0.165
C. 0.00165
D. 0.015

Question ID : **205523671**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. B

✗ 2. D

✗ 3. C

✓ 4. A

**Q.23** निम्नलिखित में से किसने 2015 में सर्वश्रेष्ठ एनिमेटेड फीचर फिल्म (animated feature film) के लिए ऑस्कर पुरस्कार जीता है?

A. सॉन्ग ऑफ़ द सी (Song of the Sea)
B. बिग हीरो (Big Hero)
C. द टेल ऑफ़ प्रिंसेस कगुयो (The tale of Princess Kaguyo)
D. द बॉक्स ट्रोल्स (The box trolls)

Question ID : **205523639**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. A

✓ 2. B

✗ 3. D

✗ 4. C

**Q.24** विकास का सिद्धांत किसके द्वारा प्रस्तावित किया गया था?

A. चार्ल्स डार्विन ( Charles Darwin)
B. चार्ल्स डिकेन्स (Charles Dickens)
C. अल्बर्ट आइंस्टीन (Albert Einstein)
D. आइजैक न्यूटन (Isaac Newton)

Question ID : **205523651**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. B

✓ 2. A

✗ 3. D

✗ 4. C

**Comprehension:**

**निम्नलिखित जानकारी का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

70 व्यक्तियों की किसी पार्टी में, 52 अंग्रेजी बोल सकते हैं तथा 26 फ्रेंच बोल सकते हैं।

**SubQuestion No : 25**

**Q.25**

Question ID : **205523718**
Status : **Answered**

कितने व्यक्ति अंग्रेजी और फ्रेंच दोनों बोल सकते हैं?

Chosen Option : **1**

A. 8
B. 10
C. 12
D. 6

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

**Comprehension:**

**निम्नलिखित जानकारी का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

70 व्यक्तियों की किसी पार्टी में, 52 अंग्रेजी बोल सकते हैं तथा 26 फ्रेंच बोल सकते हैं।

**SubQuestion No : 26**

Q.26 कितने व्यक्ति सिर्फ अंग्रेजी बोल सकते हैं?

Question ID : **205523716**
Status : **Answered**
Chosen Option : **4**

A. 44
B. 18
C. 26
D. 32

Ans
✘ 1. C
✔ 2. A
✘ 3. D
✘ 4. B

**Comprehension:**

**निम्नलिखित जानकारी का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

70 व्यक्तियों की किसी पार्टी में, 52 अंग्रेजी बोल सकते हैं तथा 26 फ्रेंच बोल सकते हैं।

**SubQuestion No : 27**

Q.27 कितने व्यक्ति सिर्फ फ्रेंच बोल सकते हैं?

Question ID : **205523717**
Status : **Answered**
Chosen Option : **1**

A. 8
B. 16
C. 18
D. 24

Ans
✘ 1. B
✘ 2. A
✔ 3. C
✘ 4. D

Q.28 5 किलो चीनी जिसका क्रय मूल्य 75 रूपये है तथा 10 किलो एक अन्य किस्म की चीनी जिसका क्रय मूल्य 180 रूपये है, उनको आपस में मिश्रित किया जाता है और 300 रूपये में बेच दिया जाता है। तो लाभ प्रतिशत ज्ञात करें?

Question ID : **205523673**
Status : **Answered**
Chosen Option : **2**

A. 18%
B. 17.65%
C. 17.5%
D. 19%

Ans
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

Q.29

Question ID : **205523676**

यदि 10 पुरुष 8 दिन में एक नहर की खुदाई कर सकते हैं तो 15 पुरुष इस कार्य को पूरा करने के लिए कितना समय लेंगें?

A. 12
B. 7
C. 6.67
D. 5.33

Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Q.30** इस शृंखला में प्रश्नचिह्न (?) के स्थान पर कौन सी संख्या आएगी?

**26, 29, 33, 38,?, 51**

A. 42
B. 44
C. 46
D. 49

Question ID : **205523690**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.31** दो धनात्मक (positive) पूर्णांकों का गुणनफल 375 है। जब एक संख्या को दूसरी संख्या से विभाजित किया जाता है तो 5/3 बचता है। सबसे छोटी संख्या का पता लगाएं।

A. 15
B. 25
C. 20
D. 12

Question ID : **205523665**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. B
✗ 4. D

**Comprehension:**

**निम्नलिखित जानकारियों का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

P, A का पिता है जिसका बेटा S है।
L, K की मां है जो S की बहन भी है।

**SubQuestion No : 32**

**Q.32** A का K से क्या संबंध है?

A. पिता
B. माता
C. ससुर
D. बेटा

Question ID : **205523706**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Comprehension:**

**निम्नलिखित जानकारियों का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

P, A का पिता है जिसका बेटा S है।
L, K की मां है जो S की बहन भी है।

**SubQuestion No : 33**

**Q.3**

3 A का L से क्या संबंध है?

Question ID : **205523707**
Status : **Answered**
Chosen Option : **2**

A. भाई
B. पति
C. पत्नी
D. बहन

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

**Comprehension:**

**निम्नलिखित जानकारियों का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

P, A का पिता है जिसका बेटा S है।
L, K की मां है जो S की बहन भी है।

**SubQuestion No : 34**

Q.34 P का L से क्या संबंध है?

Question ID : **205523705**
Status : **Answered**
Chosen Option : **4**

A. पिता
B. बेटा
C. ससुर
D. पुत्रवधू

Ans
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

Q.35 2 अंकों की दो संख्याओं का गुणनफल 2160 है। उनका ल.स.अ(LCM) 180 है। संख्याएँ ज्ञात करें।

Question ID : **205523678**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. 72 और 30
B. 36 और 60
C. 45 और 48
D. 54 और 40

Ans
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

Q.36 निम्न में अन्य से एकदम भिन्न को चुनें:
**गाय, डायनासोर, शेर, सांप, बंदर**

Question ID : **205523697**
Status : **Answered**
Chosen Option : **2**

A. गाय
B. डायनासोर
C. सांप
D. बंदर

Ans
✓ 1. B
✗ 2. C
✗ 3. D

✗ 4. A

**Q.37** रियाल (Real) किस देश की मुद्रा है?

A. चीन
B. क्यूबा
C. ब्राजील
D. गाम्बिया

Question ID : **205523641**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.38** एक परीक्षा में 25 सवाल हैं, प्रत्येक सही जवाब के लिए 4 अंक दिये जाते हैं और प्रत्येक गलत जवाब के लिए 2 अंक काट लिये जाते हैं। यदि सीमा ने 70 अंक प्राप्त किये हैं, तो उसके कितने सवाल सही हैं?

A. 10
B. 15
C. 20
D. 22

Question ID : **205523662**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.39** सरल करें $a^{-2}-1 \div a^{2}-1$

A. $1/a^2$
B. $a^2$
C. $-1/a^2$
D. $-a/(a-1)^2$

Question ID : **205523660**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.40** अंकिता 40 मीटर लंबाई और 30 मीटर चौड़ाई वाले एक आयताकार खेत के कोने पर खड़ी है। यदि अंकिता केवल विकर्ण के साथ दौड़ती है और प्रारंभिक बिंदु पर वापस आ जाती है तो अंकिता द्वारा कुल कितनी दूरी तय की गयी है?

A. 100 मीटर
B. 80 मीटर
C. 140 मीटर
D. 120 मीटर

Question ID : **205523661**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Q.41** निम्न में अन्य से एकदम भिन्न को चुनें।
**Running, Jumping, Yoga, Jogging**

A. दौड़ना (Running)
B. कूदना (Jumping)
C. योग (Yoga)
D. टहलना (Jogging)

Question ID : **205523721**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A

✗ 2. D

✗ 3. B

✓ 4. C

**Q.42** निम्नलिखित नदियों में से कौन सी नदी पश्चिमी घाट में से निकलती है?

Question ID : **205523648**
Status : **Answered**
Chosen Option : **1**

A. घग्गर
B. कृष्णा
C. दामोदर
D. सोन

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.43** पौधे का कौन सा हिस्सा पानी और खनिज के परिवहन को सक्षम करता है?

Question ID : **205523635**
Status : **Answered**
Chosen Option : **4**

A. तना (Stem)
B. जड़ें (Roots)
C. जाइलम (Xylem)
D. डंठल (Petiole)

**Ans**
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

**Q.44** A और B के वेतन का योग 25,000 रुपये है। वे अपने वेतन का 75% खर्च करते हैं, उनकी बचत का अनुपात 14:11 है, रुपये में उनके वेतन का पता लगायें।

Question ID : **205523667**
Status : **Answered**
Chosen Option : **1**

A. 15,000 और 10,000 रुपये
B. 14,000 और 11,000 रुपये
C. 13,000 और 12,000 रुपये
D. 12,500 रुपये प्रत्येक.

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.45** 20 निरीक्षणों का अंकगणितीय माध्य 15.5 है। बाद में यह पाया गया कि एक निरीक्षण गलती से 24 की बजाय 42 पढ़ लिया गया था। तो सही माध्य (mean)का पता लगाएं?

Question ID : **205523664**
Status : **Answered**
Chosen Option : **4**

A. 14
B. 14.4
C. 14.6
D. 15

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

**Q.46** एक 90 मीटर लंबी ट्रेन 15 मीटर/ सेकंड की चाल से 15 सेकंड में एक पुल को पार करती है। पुल की लंबाई का पता लगाएं।

Question ID : **205523677**
Status : **Answered**
Chosen Option : **4**

A. 225 मीटर
B. 135 मीटर
C. 315 मीटर
D. 160 मीटर

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

Q.47 एक निश्चित कूट भाषा में PORT को 2491, MUCE को 6538 लिखा जाता है। COMPUTER किस प्रकार लिखा जाएगा?

A. 34625189
B. 34582196
C. 24618795
D. 21456789

Question ID : **205523694**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Comprehension:**

**निम्नलिखित तालिका का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

तालिका विद्यार्थियों की संख्या दर्शाती है जिनके प्राप्तांक विभिन्न श्रेणियों (ranges)के अंतर्गत दिए गए हैं।

| प्राप्तांक | 0-10 | 11-20 | 21-30 | 31-40 | 41-50 | 51-60 | 61-70 | 71-80 | 81-90 | 91-100 |
|---|---|---|---|---|---|---|---|---|---|---|
| विद्यार्थियों की संख्या | 5 | 9 | 16 | 22 | 26 | 18 | 11 | 6 | 4 | 3 |

**SubQuestion No : 48**

Q.48 यदि उत्तीर्ण प्रतिशत 41 हो तो कितने प्रतिशत विद्यार्थी अनुत्तीर्ण हुए?

A. 40%
B. 52%
C. 43%
D. 22%

Question ID : **205523713**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Comprehension:**

**निम्नलिखित तालिका का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

तालिका विद्यार्थियों की संख्या दर्शाती है जिनके प्राप्तांक विभिन्न श्रेणियों (ranges)के अंतर्गत दिए गए हैं।

| प्राप्तांक | 0-10 | 11-20 | 21-30 | 31-40 | 41-50 | 51-60 | 61-70 | 71-80 | 81-90 | 91-100 |
|---|---|---|---|---|---|---|---|---|---|---|
| विद्यार्थियों की संख्या | 5 | 9 | 16 | 22 | 26 | 18 | 11 | 6 | 4 | 3 |

**SubQuestion No : 49**

Q.49 कितने प्रतिशत विद्यार्थियों ने 80% से ज्यादा अंक प्राप्त किए?

A. 7%
B. 5.8%
C. 8.5%
D. 8%

Question ID : **205523712**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. B
✗ 2. A
✗ 3. D

✗ 4. C

**Comprehension:**

**निम्नलिखित तालिका का अध्ययन कर नीचे दिए गए प्रश्नों के उत्तर दीजिए:**

तालिका विद्यार्थियों की संख्या दर्शाती है जिनके प्राप्तांक विभिन्न श्रेणियों (ranges)के अंतर्गत दिए गए हैं।

| प्राप्तांक | 0-10 | 11-20 | 21-30 | 31-40 | 41-50 | 51-60 | 61-70 | 71-80 | 81-90 | 91-100 |
|---|---|---|---|---|---|---|---|---|---|---|
| विद्यार्थियों की संख्या | 5 | 9 | 16 | 22 | 26 | 18 | 11 | 6 | 4 | 3 |

**SubQuestion No : 50**

**Q.50** उन विद्यार्थियों का प्रतिशत क्या है जिन्होंने 41% से 70% के बीच अंक प्राप्त किए ?

A. 55%
B. 45.8%
C. 35%
D. 11.83%

Question ID : **205523714**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.51** यदि एक वस्तु को 3,735 रूपये में बेचने पर एक दुकानदार को 10% की हानि होती है तो वह इसे कितने रूपये में बेचे कि उसे 10% का लाभ हो?

A. 4,150 रूपये
B. 4,565 रूपये
C. 4108.50 रूपये
D. 4518.50 रूपये

Question ID : **205523674**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.52** 'पेन' का 'लेखक' से वही संबंध है जो 'सुई' का --------- से है

A. सिलाई
B. धागा
C. दर्जी
D. सिलाई मशीन

Question ID : **205523702**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

**Q.53** जेम्स द्वारा गणित, विज्ञान और इतिहास में प्राप्त किये गये अंकों का औसत 89 है। यदि उसके भाषा के अंक भी जोड़ दिये जाते हैं तो औसत घट कर 88.25 हो जाता है। भाषा में उसके द्वारा प्राप्त अंक ज्ञात करें।

A. 90
B. 82
C. 86
D. 83

Question ID : **205523688**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.54** शब्द 'विषुव' (equinox) संदर्भित करता है?

Question ID : **205523654**
Status : **Answered**
Chosen Option : **4**

A. एक समान आकार
B. दिन और रात एक समान अवधि के होते हैं
C. गर्मी और सर्दी एक समान अवधि के होते हैं
D. मौसम एक समान अवधि के होते हैं

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.55** Y ज्ञात करें, यदि $\frac{y+1}{3}+\frac{y+2}{5}=3$

Question ID : **205523682**
Status : **Answered**
Chosen Option : **1**

A. 2.5
B. 4.25
C. 3.75
D. 3.25

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

**Q.56** निम्नलिखित में से कौन सा खेल ओलंपिक खेल में से हटा दिया गया है?

Question ID : **205523647**
Status : **Answered**
Chosen Option : **1**

A. वॉलीबॉल
B. कर्लिंग
C. बेसबॉल
D. बास्केट बॉल

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

**Q.57** इनमें से कौन सा रासायनिक परिवर्तन का एक उदाहरण है?

Question ID : **205523634**
Status : **Answered**
Chosen Option : **3**

A. ऊर्ध्वपातन (Sublimation)
B. स्फटिकरुप (Crystallization)
C. निष्क्रियीकरण (Neutralization)
D. आसवन (Distillation)

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.58** दादा साहेब फाल्के पुरस्कार से सम्मानित होने वाले प्रथम व्यक्ति कौन थे?

Question ID : **205523623**
Status : **Answered**
Chosen Option : **4**

A. पृथ्वीराज कपूर
B. लता मंगेशकर
C. सत्यजीत राय
D. देविका रानी

Ans
1. C ✗
2. B ✗
3. D ✓
4. A ✗

Q.59 चाणक्य का एक अन्य नाम क्या था?

A. देववर्मन
B. विष्णु गुप्त
C. राम गुप्त
D. बृजेश्वर

Question ID : **205523644**
Status : **Answered**
Chosen Option : **4**

Ans
1. B ✓
2. D ✗
3. C ✗
4. A ✗

Q.60 पृथ्वी का जल चक्र किसके द्वारा संचालित होता है?

A. हवा
B. चंद्रमा
C. सूर्य
D. पृथ्वी

Question ID : **205523633**
Status : **Answered**
Chosen Option : **1**

Ans
1. C ✓
2. B ✗
3. A ✗
4. D ✗

Q.61 जीवन की मूलभूत इकाई (unit) क्या है?

A. कोशिका (Cell)
B. अंग (Organ)
C. ऊतक (Tissue)
D. नाभिक (Nucleus)

Question ID : **205523632**
Status : **Answered**
Chosen Option : **3**

Ans
1. A ✓
2. B ✗
3. C ✗
4. D ✗

Q.62 ऑक्टोपस के 'खून का रंग कैसा है?

A. लाल
B. नीला
C. गुलाबी
D. काला

Question ID : **205523628**
Status : **Answered**
Chosen Option : **4**

Ans
1. A ✗
2. D ✗

✔ 3. B

✘ 4. C

**Q.63** यदि Δ×□=48, ○×Δ=24, ◊×○=8, ◊×Δ का पता लगाए

Question ID : **205523700**
Status : **Answered**
Chosen Option : **1**

A. 32
B. 12
C. 16
D. 24

**Ans**
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

**Q.64** निम्नलिखित में से कौन सी एक उत्कृष्ट (नोबेल) धातु है?

Question ID : **205523624**
Status : **Answered**
Chosen Option : **4**

A. लोहा (Iron)
B. चांदी (Silver)
C. कांस्य (Bronze)
D. एल्युमिनियम (Aluminum)

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.65** ब्रह्म समाज (Brahmo Samaj) के संस्थापक कौन थे?

Question ID : **205523620**
Status : **Answered**
Chosen Option : **4**

A. राजा राम मोहन राय
B. दयानंद सरस्वती
C. महात्मा गांधी
D. लोकमान्य तिलक

**Ans**
✘ 1. C
✔ 2. A
✘ 3. B
✘ 4. D

**Q.66** ओ एन जी सी (ONGC) का मुख्यालय कहाँ स्थित है?

Question ID : **205523658**
Status : **Answered**
Chosen Option : **2**

A. डिब्रूगढ़
B. कांडला
C. विशाखापट्नम
D. देहरादून

**Ans**
✘ 1. B
✘ 2. C
✔ 3. D
✘ 4. A

**Q.67**

इनमें में से कौन एक भारतीय गणितज्ञ थे?

A. भरत
B. बाना
C. भास्कर
D. भवभूति

Question ID : **205523649**
Status : **Answered**
Chosen Option : **3**

Ans
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

**Q.68** प्रतीकों के सही सेट का चयन करें :
7 7 7 7 = **14**

A. ×, +, ÷
B. ÷, +, ×
C. -, ×, ÷
D. +, ×, ÷

Question ID : **205523701**
Status : **Answered**
Chosen Option : **4**

Ans
✘ 1. B
✘ 2. C
✘ 3. A
✔ 4. D

**Q.69** निम्नलिखित में से मुक्केबाजी के लिए द्रोणाचार्य पुरस्कार (Dronacharya Award) किसने प्राप्त किया?

A. गुरुचरण सिंह
B. बलवान सिंह
C. रजिंदर सिंह
D. संजीव कुमार सिंह

Question ID : **205523638**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. D
✔ 2. A
✘ 3. B
✘ 4. C

**Q.70** यदि **JESUS** को **EZNPN** कोडित किया जाए तो **JACK** क्या होगा?

A. EXVG
B. EVXF
C. EWYH
D. EVWF

Question ID : **205523710**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Ans
✘ 1. A
✘ 2. D
✔ 3. B
✘ 4. C

**Q.71** इनमें से विषम पद को चुनें

A. GMT
B. UTC
C. EDT
D. BMI

Question ID : **205523646**
Status : **Marked For Review**
Chosen Option : **2**

Ans
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

Q.72 भारत के वर्तमान मुख्य न्यायाधीश कौन है?

Question ID : **205523657**
Status : **Answered**
Chosen Option : **1**

A. एच. एल. दत्तु
B. रघुराम राजन
C. संजीव बेहरी (Behari)
D. टी. एस. ठाकुर

Ans
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

Q.73 निम्न में से एकदम भिन्न को चुनें।
**15/20, 48/60, 21/28, 75/100**

Question ID : **205523689**
Status : **Answered**
Chosen Option : **2**

A. 15/20
B. 48/60
C. 21/28
D. 75/100

Ans
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

Q.74 सुभाष चंद्र बोस के पिता कौन थे?

Question ID : **205523631**
Status : **Answered**
Chosen Option : **4**

A. सत्येंद्र नाथ बोस
B. जानकी नाथ बोस
C. जगदीश चंद्र बोस
D. एस.एन.बोस

Ans
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

Q.75 एक मशीन के निर्माण के मूल्य को सामग्री, श्रम और अतिरिक्त खर्च के बीच में बांटा गया और उनका अनुपात 5:3:1 है। यदि आवंटित किया गया अतिरिक्त खर्च 1,49,500 रूपये है। तो मशीनरी के मूल्य का पता लगायें।

Question ID : **205523668**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. 7,47,500 रुपये
B. 13,45,500 रुपये
C. 13,78,800 रुपये
D. 14,22,200 रुपये

Ans
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

Q.76

यदि एक संख्या के 2/3 का 1/4 100 है तो, वह संख्या क्या है?

A. 400
B. 600
C. 300
D. 500

Question ID : **205523672**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

**Q.77** थॉमस कप किस खेल से जुड़ा हुआ है?

A. टेनिस
B. बैडमिंटन
C. टेबल टेनिस
D. हॉकी

Question ID : **205523637**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.78** यदि नंबर 3, 6, 7, x, 11, 15, 19, 20, 25, 28 आरोही क्रम में है और उनकी माध्यिका 13 है तो x ज्ञात करें?

A. 11
B. 12
C. 13
D. 14

Question ID : **205523686**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

**Q.79** **मत्स्य-झुंड** का संबंध **मछली** से वही है जो **कॉलोनी** का------- से है

A. चींटियां
B. गाय
C. घर
D. जिंदगी

Question ID : **205523703**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

**Q.80**

Question ID : **205523692**
Status : **Answered**
Chosen Option : **1**

**नीचे दिए गए प्रश्नों के उत्तर हेतु निम्नलिखित कथनों को पढ़ें।**

1. सभी आम मीठे हैं।
2. कुछ सेब मीठे हैं।
3. सभी गोलाकार फल मीठे हैं।
4. जेनी एक मीठा फल खा रही है।

**निम्न में से कौन सा अनुमान निश्चित रूप से सत्य है?**

A. जेनी एक सेब खा रही है।
B. जेनी को नींबू पसंद नहीं है।
C. जेनी एक नारंगी खा रही है।
D. जेनी आम खा रही है, इसकी संभावना सबसे ज्यादा है।

**Ans**
✔ 1. D
✘ 2. C
✘ 3. B
✘ 4. A

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**Q.81** 5 लीटर चीनी के मिश्रण में 6% चीनी है, उसमे से 1 लीटर पानी भाप बन जाता है। शेष मिश्रण में चीनी का प्रतिशत ज्ञात करें।

A. 5%
B. 7.5%
C. 6%
D. 4%

Question ID : **205523666**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

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**Q.82** यदि फरवरी 2012 का अंतिम दिन बुधवार था तो फरवरी 2011 का अंतिम दिन क्या था?

A. रविवार
B. सोमवार
C. गुरूवार
D. शुक्रवार

Question ID : **205523695**
Status : **Answered**
Chosen Option : **4**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. A
✘ 4. C

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**Q.83** एक रहने वाले (residential) फ्लैट की कीमत में प्रत्येक वर्ष 15% की वृद्धि होती है। यदि वर्तमान मूल्य 60,00,000 रूपये है, तो 2 वर्ष के बाद उसकी कीमत कितनी होगी?

A. 78,00,000 रूपये
B. 83,45,000 रूपये
C. 85,39,500 रूपये
D. 79,35,000 रूपये

Question ID : **205523670**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✘ 1. A
✔ 2. D
✘ 3. C
✘ 4. B

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**Q.84** एक दुकानदार 20% और 10% की दो अनुक्रमिक छूट देता है और अपने उत्पाद के लिए 108 रूपये पाता है। इसका वास्तविक मूल्य ज्ञात करें?

A. 142 रूपये
B. 147 रूपये
C. 150 रूपये
D. 153 रूपये

Question ID : **205523675**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. A
✘ 3. D
✔ 4. C

**Q.85** रॉबर्ट गालब्रेथ (Robert Galbraith) को बेहतर तरीके से किस नाम से जानते हैं?

Question ID : **205523640**
Status : **Marked For Review**
Chosen Option : **4**

A. अगाथा क्रिस्टी (Agatha Christie)
B. सिडनी शेल्डन (Sidney Sheldon)
C. एनिड ब्लाइटोन (Enid Blyton)
D. जे. के. रौलिंग (J. K. Rowling)

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.86** लाइट पेन (Light pen) क्या है?

Question ID : **205523645**
Status : **Answered**
Chosen Option : **4**

A. माइक्रो टिप पेन (Micro tip pen)
B. इनपुट डिवाइस (Input device)
C. अंधेरे में लिखने के लिए पेन (Pen to write in the dark)
D. भाररहित पेन (Weightless pen)

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.87** यदि एक समबाहु त्रिभुज का क्षेत्रफल $24\sqrt{3}$ है तो इसका परिमाप ज्ञात करिये।

Question ID : **205523683**
Status : **Answered**
Chosen Option : **1**

A. $16\sqrt{6}$
B. 96
C. $4\sqrt{6}$
D. $9\sqrt{6}$

**Ans** 1. D
2. A
3. B
4. C

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.88** किस अभयारण्य को पूर्व में भरतपुर पक्षी अभयारण्य के रूप में जाना जाता था?

Question ID : **205523630**
Status : **Answered**
Chosen Option : **2**

A. समसपुर पक्षी अभयारण्य
B. मयानी पक्षी अभयारण्य
C. सलीम अली पक्षी अभयारण्य
D. केवलादेव राष्ट्रीय उद्यान

**Ans**
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

**Q.89** सबसे बड़ा स्तनपायी (mammal) कौन सा है?

Question ID : **205523650**
Status : **Answered**
Chosen Option : **4**

A. अफ्रीकी हाथी (The African Elephant)
B. नर दरियाई घोड़ा (Male Hippopotamus)
C. ब्लू व्हेल (Blue Whale)
D. नर हैमरहेड शार्क (Male hammerhead Shark)

**Ans**
✗ 1. D

✗ 2. B

✗ 3. A

✓ 4. C

Q.90 सूर्य की ऊर्जा किस माध्यम से उत्पन्न होती है?

Question ID : **205523626**
Status : **Answered**
Chosen Option : **2**

A. परमाणु संलयन (Nuclear Fusion)
B. सौर ऊर्जा (Solar Power)
C. ऊष्मा विद्युत (Thermal Power)
D. गुरुत्वाकर्षण ऊर्जा (Gravitational energy)

Ans
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

Q.91 प्रसिद्ध यात्री जहाज टाइटैनिक किस देश का था?

Question ID : **205523622**
Status : **Answered**
Chosen Option : **2**

A. यू. एस. ए (USA)
B. चीन
C. ग्रेट ब्रिटेन
D. फ्रांस

Ans
✗ 1. D
✓ 2. C
✗ 3. A
✗ 4. B

Q.92 यदि $\sin\theta = \frac{\sqrt{3}}{2}$, तो $\tan\theta$ ज्ञात करें।

Question ID : **205523684**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. 3/2
B. 1/2
C. 3
D. $\sqrt{3}$

Ans
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

Q.93 **अध्यापक : छात्र तो नर्स :**

Question ID : **205523693**
Status : **Answered**
Chosen Option : **1**

A. चिकित्सालय
B. डॉक्टर
C. रोगी
D. इंजेक्शन

Ans
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.94** यदि किसी कूटभाषा में **SCHOOL** को **FPUBBY** लिखा जाता हो तो **COLLEGE** शब्द के लिए बीच का अक्षर क्या होगा?

Question ID : **205523708**
Status : **Answered**
Chosen Option : **4**

A. P
B. B
C. R
D. Y

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

**Q.95** 198 और 78 का एच. सी. एफ (HCF) ज्ञात करें।

Question ID : **205523680**
Status : **Answered**
Chosen Option : **2**

A. 8
B. 9
C. 6
D. 7

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.96** 15 आदमी एक कार्य को 10 दिनों में कर सकते हैं। यदि कार्य समाप्त करने के लिए 10 और आदमी लगा दिये जाते हैं तो कार्य समाप्त होने में कितना समय लगेगा?

Question ID : **205523681**
Status : **Answered**
Chosen Option : **4**

A. 8
B. 10
C. 15
D. 6

**Ans**
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

**Q.97** **कथन** :नीचे कथन और उनके बाद कुछ निष्कर्ष दिए गए हैं। आपको दिए गए कथनों को सही मान कर चलना है चाहे वे सामान्य ज्ञात तथ्यों से भिन्न प्रतीत होते हों।

Question ID : **205523720**
Status : **Answered**
Chosen Option : **4**

**कथन:**
1)दुनिया के किसी भी देश ने आत्मनिर्भरता हासिल नहीं की है।
2)मशीनीकरण बिल्कुल नाकाम रहा है।
**निष्कर्ष :**
I) आत्मनिर्भर बनना असंभव है।
II) मानवीय श्रम मशीनों की तुलना में अधिक उत्पादक है।
**तय कीजिए कि दिया गया कौन सा (से) निष्कर्ष दिए गए कथनों का तार्किक रूप से अनुसरण करता (करते) है (हैं)।**

A. केवल निष्कर्ष II अनुसरण करता है
B. I और II दोनों अनुसरण करते हैं
C. कोई अनुसरण नहीं करता है
D. केवल निष्कर्ष I अनुसरण करता है

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.98**

Question ID : **205523669**

उस मूलधन का पता लगायें जो साधारण ब्याज की 8% वार्षिक दर से 9 महीनें में 1000 रूपये हो जाता है?

A. 781.40 रुपये
B. 981.40 रुपये
C. 943.40 रुपये
D. 843.40 रुपये

Status : **Answered**
Chosen Option : **4**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

**Q.99** ऑस्ट्रेलिया का सबसे अधिक घनी आबादी वाला शहर कौन सा है?

A. कैनबरा (Canberra)
B. सिडनी (Sydney)
C. मेलबोर्न (Melbourne)
D. पर्थ (Perth)

Question ID : **205523643**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✘ 2. C
✘ 3. A
✔ 4. B

**Q.100** एक आदमी 4 किमी/घंटा की गति से 3 घंटे चलता है और समान दूरी पर वापस 16 किमी/घंटा की गति से दौड़ कर आता है। दौड़ने में उसके द्वारा लिया गया समय ज्ञात करें।

A. 45 मिनट
B. 72 मिनट
C. 30 मिनट
D. 42 मिनट

Question ID : **205523679**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. B
✘ 2. D
✘ 3. C
✔ 4. A

# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 29th April 2016 Shift 2

| | |
|---|---|
| Roll No: | 11111111111111 |
| Participants Name: | XXXXXXXXXXX |
| Test Center Name: | iON Digital Zone iDZ, Borjhar |
| Test Date: | 29/04/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Leukemia is a type of human disease which is

A. a cancer of the white blood cells
B. caused by deficiency of vitamins
C. a cancer in the brain
D. caused by an overdose of proteins

Question ID : **2055233830**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.2** If $\sqrt{625} = 25$; then $\sqrt{(.00000625/25)}$ is:

A. 0.0025
B. 0.001
C. 0.0001
D. 0.0005

Question ID : **2055233851**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.3** 30 pens and 75 pencils were purchased for Rs. 390. If the average price of a pencil is Rs. 2.00, then calculate the average price (in Rs.) of a pen.

A. 6
B. 4
C. 8
D. 12

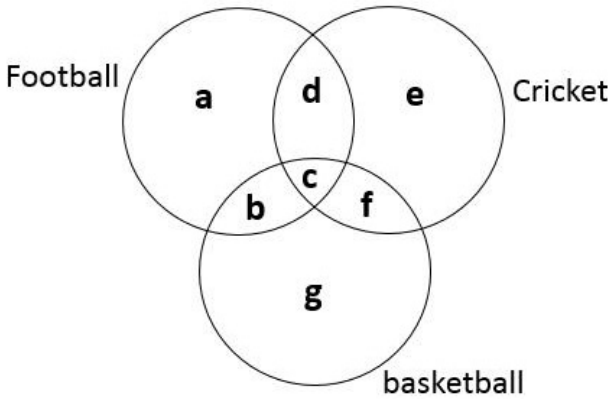
Question ID : **2055233853**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Comprehension:**

**Based on the diagram answer the following questions:**

The figure given below consists of three intersecting circles which represent sets of students who play Football, Cricket and Basket Ball. Each region in the figure is represented by a small letter.




**SubQuestion No : 4**

**Q.4** Which region represents the set of persons who play Football and Basket Ball but not Cricket?

A. Region g
B. Region e
C. Region c
D. Region b

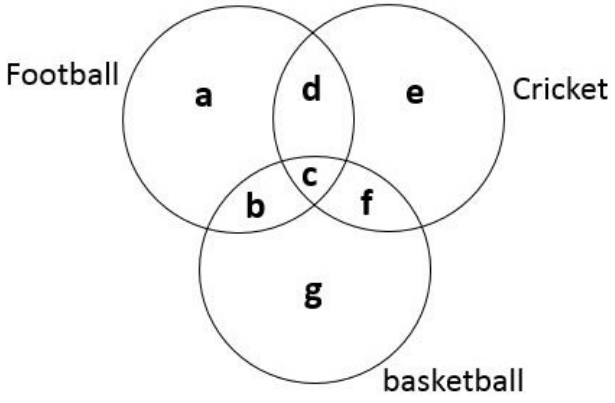
Question ID : **2055233905**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

**Comprehension:**

**Based on the diagram answer the following questions:**

The figure given below consists of three intersecting circles which represent sets of students who play Football, Cricket and Basket Ball. Each region in the figure is represented by a small letter.




**SubQuestion No : 5**

**Q.5** Which region represents the set of persons who play Football but neither Cricket nor Basket Ball?

A. Region a
B. Region b
C. Region c
D. Region d

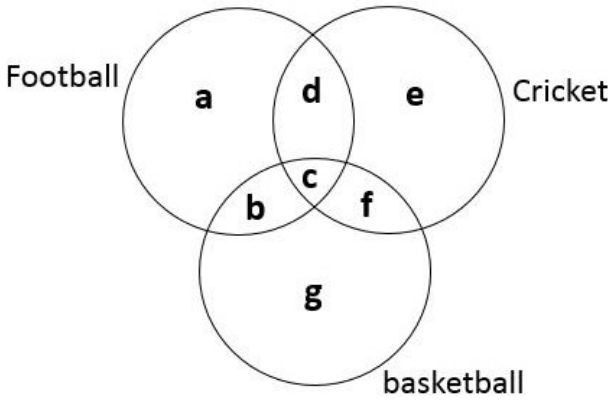
Question ID : **2055233906**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

**Comprehension:**

**Based on the diagram answer the following questions:**

The figure given below consists of three intersecting circles which represent sets of students who play Football, Cricket and Basket Ball. Each region in the figure is represented by a small letter.




**SubQuestion No : 6**

**Q.6** Which region represents the set of persons who play all the three games?

A. Region b
B. Region c
C. Region f
D. Region g

Question ID : **2055233904**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

---

**Q.7** Hemant said to Naitik, "That boy playing with the football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Hemant?

A. Son
B. Brother
C. Cousin
D. Nephew

Question ID : **2055233893**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

---

**Q.8** Which of the following is not an output device?

A. Plotter
B. Speaker
C. Printer
D. Scanner

Question ID : **2055233827**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. B
✓ 4. D

---

**Q.9** _____ was the first satellite launched by U.S in 1958.

A. Sputnik 1
B. Apollo 11
C. GSAT
D. Explorer 1

Question ID : **2055233846**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Q.10** Two pipes, A & B can fill a tank in 12 & 16 minutes respectively. Both pipes are opened together, but 4 minutes before the tank is full, pipe A is closed. In how many minutes will the tank be full?

A. 9 minutes 8 seconds
B. 10 minutes 9 seconds
C. 11 minutes 19 seconds
D. 11 minutes 29 seconds

Question ID : **2055233862**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Q.11** Name the monument which signifies the "seat of the holy Buddha" where it is believed that Lord Buddha delivered his first sermon.

A. Dhamekh Stupa, Sarnath
B. Sanchi Stupa, Sanchi
C. Shingardar Stupa, Swat valley
D. Dro-dul Chorten, Gangtok

Question ID : **2055233817**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. B
✓ 4. A

**Q.12** Complete the Figure X from the given alternatives 1,2,3,4

Question ID : **2055233890**
Status : **Answered**
Chosen Option : **3**

A. 1
B. 2
C. 3
D. 4

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Comprehension:**

**Based on the below given information, answer the questions:**

In an Exhibition, seven air conditioners of different companies - LG, Carrier, Samsung, Godrej, Whirlpool, Hitachi and Videocon are kept facing east in the following order :

LG is next to right of Videocon.

Videocon is fourth to the right of Samsung.
Godrej air conditioner is between air conditioner Carrier and Hitachi.
Samsung, which is third to the left of air conditioner Carrier, is at one end.

**SubQuestion No : 13**

**Q.13** Which one of the following statements is correct?

A. Videocon air conditioner is in between air conditioner Carrier and Samsung.
B. LG is next left to Whirlpool air conditioner.
C. Videocon is next right of LG.
D. Godrej is fourth right of Whirlpool.

Question ID : **2055233898**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Comprehension:**

**Based on the below given information, answer the questions:**

In an Exhibition, seven air conditioners of different companies - LG, Carrier, Samsung, Godrej, Whirlpool, Hitachi and Videocon are kept facing east in the following order :

LG is next to right of Videocon.

Videocon is fourth to the right of Samsung.
Godrej air conditioner is between air conditioner Carrier and Hitachi.
Samsung, which is third to the left of air conditioner Carrier, is at one end.

**SubQuestion No : 14**

**Q.14** Which of the following groups of air conditioners is to the right of air conditioner Carrier?

A. LG, Videocon and Godrej
B. Whirlpool, LG and Videocon
C. Godrej, Hitachi and Samsung
D. Hitachi, LG and Videocon

Question ID : **2055233899**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Comprehension:**

**Based on the below given information, answer the questions:**

In an Exhibition, seven air conditioners of different companies - LG, Carrier, Samsung, Godrej, Whirlpool, Hitachi and Videocon are kept facing east in the following order :

LG is next to right of Videocon.

Videocon is fourth to the right of Samsung.
Godrej air conditioner is between air conditioner Carrier and Hitachi.
Samsung, which is third to the left of air conditioner Carrier, is at one end.

**SubQuestion No : 15**

**Q.15** Which of the following statements is correct?

A. Godrej is next left of air conditioner Carrier.
B. Hitachi is next left of Samsung.
C. Hitachi is at one end.
D. Samsung is next second to the right of Godrej.

Question ID : **2055233897**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

---

**Q.16** Abdur Rahman and British Raj representative Mr. Mortimer signed an agreement establishing _____.

A. Radcliffe Line
B. Durand Line
C. Mortimer Line
D. Macmohan Line

Question ID : **2055233843**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

---

**Q.17** Four words are given below out of which three are alike in some manner and one is different. Which one is different from the rest?

A. Tower
B. Sea
C. Valley
D. Mountain

Question ID : **2055233889**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B

✔ 3. A

✘ 4. D

**Q.18** Name the committee, appointed to identify the creamy layer among the OBCs, which submitted its report in 1993 and was accepted?

A. Dr. K M Munshi Committee
B. G V Mavalankar Committee
C. Ram Nandan Committee
D. Swaran Singh Committee

Question ID : **2055233825**
Status : **Answered**
Chosen Option : **1**

**Ans**

✘ 1. B

✘ 2. D

✔ 3. C

✘ 4. A

**Q.19** What is the cause of bio-magnification (or bio-accumulation)?

A. Ozone
B. Organo-chlorines
C. Lichens
D. Proteins

Question ID : **2055233850**
Status : **Answered**
Chosen Option : **2**

**Ans**

✘ 1. D

✘ 2. A

✔ 3. B

✘ 4. C

**Q.20** Which of the following power houses is/are associated with Damodar Valley Project?

I. Durgapur
II. Chandrapura
III. Maithon
IV. Hampi

**Choose the right option.**

A. Only I and II
B. Only II and III
C. I, II and III
D. I, II, III and IV

Question ID : **2055233834**
Status : **Answered**
Chosen Option : **2**

**Ans**

✔ 1. C

✘ 2. B

✘ 3. A

✘ 4. D

**Q.21** Construction of the Qutub Minar, the world's tallest brick minaret commenced in 1193, under the orders of_____, the founder of the Delhi Sultanate.

A. Firoz Shah Tughlaq
B. Qutub-ud-din Aibak
C. Iltumish
D. Quali Qutub Shah

Question ID : **2055233818**
Status : **Answered**
Chosen Option : **3**

**Ans**

✘ 1. A

✘ 2. D

✔ 3. B

✘ 4. C

**Q.22** Krishnanattam is a famous dance of which of the following states?

A. Andhra Pradesh
B. Karnataka
C. Kerala
D. Tamilnadu

Question ID : **2055233833**
Status : **Answered**
Chosen Option : **1**

**Ans**

✘ 1. A

✘ 2. D

✘ 3. B

✔ 4. C

**Q.23** What is the minimum qualification fixed for candidates contesting in the Panchayati Raj Institutions (PRIs) elections, as passed by Haryana Panchayati Raj (Amendment) Bill, 2015?

A. Higher Secondary
B. Matriculation
C. No educational qualification only minimum age at 21 years
D. Graduation.

Question ID : **2055233819**
Status : **Answered**
Chosen Option : **1**

**Ans** 1. A
2. C
3. B
4. D

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.24** Who among the following musicians who lived between 1253 and 1325 AD, was traditionally considered as the inventor of tabla and sitar?

A. Tansen
B. Amir Khusro
C. Swami Shastri
D. Baiju Bawra

Question ID : **2055233832**
Status : **Answered**
Chosen Option : **1**

**Ans** ✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.25** A thief is 400m ahead of a policeman. The thief started running and the policeman started chasing simultaneously. Assuming the speed of thief be 10km/h & policeman be 15 km/h, calculate the distance (in metres) covered by thief before the policeman caught the thief?

A. 750 m
B. 800 m
C. 850 m
D. 900 m

Question ID : **2055233863**
Status : **Answered**
Chosen Option : **2**

**Ans** ✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.26** Oil zapper technology to remove oil spills in ocean, is developed by?

A. IIT
B. TERI
C. CSE
D. ISRO

Question ID : **2055233842**
Status : **Answered**
Chosen Option : **2**

**Ans** ✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.27** The Union Government has released a commemorative postage stamp to mark the Centenary year of _____, which is the apex institution on fauna taxonomy in India.

A. Zoological Survey of India.
B. Archaeological Survey of India
C. National Animal Species Survey of India
D. National Sample Survey Organization

Question ID : **2055233820**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

**Q.28** Which Bank launched India's first contactless mobile payment solution?

A. AXIS
B. SBI
C. ICICI
D. HDFC

Question ID : **2055233840**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.29** The presence of ozone in the _____prevents sun's harmful ultraviolet (UV) radiations from reaching the Earth's surface.

A. Troposphere
B. Mesosphere
C. Stratosphere
D. Thermosphere

Question ID : **2055233813**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.30** If $\sqrt{5} = 2.236$; then $\sqrt{5}/\sqrt{2}$ is:

A. 1.581
B. 1.851
C. 2.236
D. 1.782

Question ID : **2055233852**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. D
✘ 2. B
✘ 3. C
✔ 4. A

**Q.31** The HCF of two numbers is 16 and their difference is 16. Find the numbers.

A. 64, 80
B. 72, 88
C. 80, 100
D. 96, 120

Question ID : **2055233857**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✘ 2. C
✘ 3. B
✔ 4. A

**Q.32** In 2001, the production of sugar is 1584 million kgs which is 20% more than that in 1991. Find the production (in million kgs) of sugar in 1991.

A. 1980
B. 1280
C. 1300
D. 1320

Question ID : **2055233879**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. B
✔ 3. D
✘ 4. C

**Q.33** Who has been selected to the board of governors of the World Water Council (WWC) for 2016-18 in the 7th general assembly of WWC held at Marseille, France?

A. Chaudhary Birender Singh
B. Ram Kripal Yadav
C. Sanwar Lal Jat
D. Prithvi Raj Singh

Question ID : **2055233815**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. A
✘ 3. B
✘ 4. C

**Q.34** There are over ____ capillaries in our lungs.

A. 100 million
B. 200 million
C. 400 million
D. 300 million

Question ID : **2055233845**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. B

✔ 2. D

✘ 3. A

✘ 4. C

**Q.35** In a certain code language, if MOBILE is coded as 713694 and TABLET is coded as 253942, then BALLET will be coded as?

A. 329954
B. 359942
C. 395942
D. 359429

Question ID : **2055233881**
Status : **Answered**
Chosen Option : **2**

**Ans**

✔ 1. B

✘ 2. C

✘ 3. A

✘ 4. D

**Q.36** A & B can finish a work in 12 days, B & C in 15 days and A & C in 20 days. In how many days would A alone finish the work?

A. 20
B. 30
C. 40
D. 60

Question ID : **2055233861**
Status : **Answered**
Chosen Option : **1**

**Ans**

✘ 1. D

✔ 2. B

✘ 3. C

✘ 4. A

**Q.37** _____ is the first indigenous aircraft of India designed and built by HAL.

A. HF 25 MKI
B. HT 2
C. HT 3 MKI
D. HF 28

Question ID : **2055233841**
Status : **Answered**
Chosen Option : **2**

**Ans**

✔ 1. B

✘ 2. D

✘ 3. A

✘ 4. C

**Q.38** A tennis player, won 18 games out of 27 games played. Calculate the games won in terms of decimal.

A. 0.667
B. 0.067
C. 0.50
D. 0.333

Question ID : **2055233856**
Status : **Answered**
Chosen Option : **3**

**Ans**

✘ 1. C

✘ 2. B

✔ 3. A

✘ 4. D

**Q.39** The value of $\tan 45^0$ is:

A. $\sqrt{3}$
B. $\sqrt{3}/2$
C. $1/\sqrt{3}$
D. 1

Question ID : **2055233876**
Status : **Answered**
Chosen Option : **2**

**Ans**

✘ 1. A

✔ 2. D

✘ 3. B

✘ 4. C

**Q.40** The expenses of a person increases by Rs. 5000 for every month in February and March. If his expenses in January was Rs. 5000, Calculate his average expenditure (in Rs.) from January to March.

A. 10000
B. 15000
C. 7500
D. 5000

Question ID : **2055233880**
Status : **Answered**
Chosen Option : **4**

**Ans**

✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

**Q.41** If Rahul walks at 4 km/h, he reaches office late by 10 minutes of the scheduled time. If he walks at 5 km/h he reaches office 5 minutes ahead of scheduled time. Calculate the distance of his office from his home.

A. 4 km
B. 6 km
C. 5 km
D. 8 km

Question ID : **2055233864**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

**Q.42** Why it is remarked that "the pocket of the Indian President is bigger than that of the American President" in reference to Pocket Veto Power of the President?

A. The power of the Indian President not to take any action (either positive or negative) on the bill for an indefinite period.
B. The President of USA has to return the bill for reconsideration within 10 days, as against 30 days for the Indian President.
C. The President of USA has to return the bill for reconsideration within 10 days, as against 20 days for the Indian President.
D. The President of USA can't return the bill for reconsideration, if he kept it for more than 10 days, while that is not the case with the Indian President.

Question ID : **2055233826**
Status : **Answered**
Chosen Option : **1**

**Ans**
✘ 1. D
✘ 2. B
✘ 3. C
✔ 4. A

**Q.43** A straight angle is equal to ?

A. $90^0$
B. $180^0$
C. $270^0$
D. $360^0$

Question ID : **2055233874**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.44** Pointing to the lady in the metro, Twinkle said, "She is the sister of the father of my mother's son." Who is the lady to Twinkle?

A. Mother
B. Sister
C. Aunt
D. Niece

Question ID : **2055233894**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. B
✔ 2. C
✘ 3. A
✘ 4. D

**Q.45** Read the statements and select a conclusion from the given alternatives:

**Statements**: Some doors are shelves.
All the shelves are windows.

**Conclusions**:
1. Some doors are windows.
2. No shelf is door

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Neither (1) nor (2) follows

Question ID : **2055233902**
Status : **Answered**
Chosen Option : **3**

Ans
1. C
2. D
3. B
4. A

**Q.46** If the average age of 40 students in Class I is 10 years and the average age of 30 students in Class II is 12 years, find the average age (in years) for all students.

A. 11
B. 10.54
C. 10.58
D. 10.85

Question ID : **2055233878**
Status : **Answered**
Chosen Option : **1**

Ans
1. A
2. B
3. D
4. C

**Q.47** Pointing to a person, Arnav said to Preeti, "His mother is the only daughter of your father". How was Preeti related to that person?

A. Aunt
B. Mother
C. Wife
D. Daughter

Question ID : **2055233895**
Status : **Answered**
Chosen Option : **2**

Ans
1. B
2. C
3. D
4. A

**Q.48** **Fill in the blanks with suitable option:**
A/An _____turns blue litmus red and a/an _____turns _____litmus blue.

A. Base, acid, red
B. Acid, base, green
C. Base, acid, pink
D. Acid, base, red

Question ID : **2055233812**
Status : **Answered**
Chosen Option : **4**

Ans
1. C
2. A
3. D
4. B

**Q.49** Which city hosted the first 'India International Science Festival, 2015'?

A. Kolkata
B. Bangalore
C. New Delhi
D. Chennai

Question ID : **2055233821**
Status : **Answered**
Chosen Option : **2**

Ans
1. D
2. B
3. A
4. C

**Q.50** In a fruit basket, the ratio of number of apples to bananas is A and the ratio of bananas to apples is B; then A+B is:

A. exactly 1
B. less than one
C. more than one
D. zero

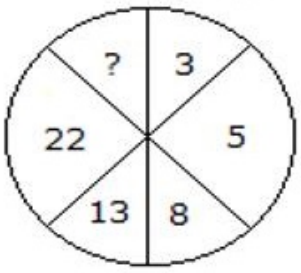
Question ID : **2055233859**
Status : **Answered**
Chosen Option : **2**

Ans
1. C
2. D
3. B
4. A

**Q.51**

Question ID : **2055233887**
Status : **Answered**
Chosen Option : **3**

Insert the missing character in?




A. 45
B. 29
C. 39
D. 37

**Ans** ✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.52** When was the GSLV used in India for the first time?

Question ID : **2055233848**
Status : **Answered**
Chosen Option : **1**

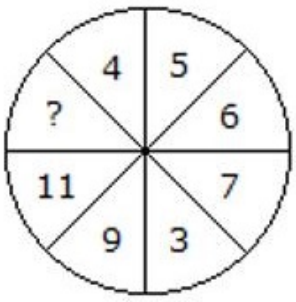
A. 1980
B. 1987
C. 1994
D. 2000

**Ans** 1. B
2. A
3. C
4. D

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.53** Insert the missing character in?

Question ID : **2055233885**
Status : **Answered**
Chosen Option : **2**




A. 13
B. 14
C. 12
D. 15

**Ans** ✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Q.54**

Question ID : **2055233855**
Status : **Answered**
Chosen Option : **2**

What fraction of 2 hours is 18 seconds?

A. 1/200
B. 1/300
C. 1/400
D. 1/600

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

---

**Q.55** Gitesh took a loan for 6 years at 5% Simple Interest. If the total interest paid was Rs. 615, calculate the principal.

A. Rs. 2000
B. Rs. 2050
C. Rs. 2100
D. Rs. 2150

Question ID : **2055233865**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

---

**Q.56** **Read the statements and select a conclusion from the given alternatives:**
**Statements:** The national norm is 100 classrooms per thousand population, but in this state, 150 classrooms per thousand are available in the schools.
**Conclusions:**
I. Our national norm is appropriate.
II. This state's education system is taking adequate care in this regard.

**Choose the right option.**

A. Only conclusion I follows
B. Only conclusion II follows
C. Either I or II follows
D. Neither I nor II follows

Question ID : **2055233911**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

---

**Q.57** If $40x^2 = 734^2 - 234^2$, then find the value of x.

A. 110
B. 121
C. 11
D. 144

Question ID : **2055233872**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. B
✓ 4. A

---

**Q.58** **Consider the following statements & choose the correct option.**
1. Formation of blood cells in the bone marrow by a process called haemopoiesis.
2. Detoxification or removal of certain poisonous substances.

A. Both 1 & 2 are functions of the skeleton.
B. Both 1 & 2 are functions of the kidney
C. 1 is the function of kidney and 2 of skeleton.
D. 1 is the function of joints and 2 of skeleton

Question ID : **2055233839**
Status : **Answered**
Chosen Option : **2**

**Ans** 1. D
2. C
3. A
4. B

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

---

**Q.59**

Question ID : **2055233831**

A blue, violet, or red flavonoid pigment found in plants is due to the presence of

A. Carotene
B. Anthocyanine
C. Xanthophylls
D. Chlorophyll

Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. B
✗ 4. D

**Q.60** Which of the following chemical reactions is always endothermic in nature?

A. Combustion reaction
B. Decomposition reaction
C. Displacement reaction
D. Combination reaction

Question ID : **2055233811**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

**Q.61** Who is the author of famous autobiography "Dreaming Big: My Journey to Connect India"?

A. Abdul Kalam
B. Sam Pitroda
C. Nandan Nilekani
D. Azim Premji

Question ID : **2055233816**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.62** If $4\sin\theta-3\cos\theta = 0$, then $\sec\theta\operatorname{cosec}\theta$ is:

A. 5/12
B. 25/12
C. 13/12
D. 12/5

Question ID : **2055233877**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

**Q.63** If in a certain language, STAR is coded as TSRA, how is MOON coded in that code?

A. OMNO
B. OOMN
C. NMOO
D. OMON

Question ID : **2055233884**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Q.64** Who became the 1st player to win ATP (Association of Tennis Professionals) World Tour Finals for the 4th consecutive time?

A. Novak Djokovic
B. Rafael Nadal
C. Serena Williams
D. Roger Federer

Question ID : **2055233824**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C

✔ 3. A

✘ 4. D

**Q.65** Match the following correctly:

| Invention/Discovery | Inventor/Scientist |
|---|---|
| P) Dynamite | a. J.J.Thomson |
| Q) Dynamo | b. Michael Faraday |
| R) Electron | c. Alfred Nobel |
| S) Proton | d. Rutherford |

A. P-b, Q-c, R-a, S-d
B. P-c, Q-b, R-d, S-a
C. P-c, Q-b, R-a, S-d
D. P-d, Q-c, R-b, S-a

Question ID : **2055233814**
Status : **Answered**
Chosen Option : **2**

**Ans**

✘ 1. D

✔ 2. C

✘ 3. B

✘ 4. A

**Q.66** Increase in carbon dioxide in atmosphere is caused by which of the following reasons?
1. Excessive use of fossil fuels
2. Deforestation
3. Increased number of vehicles
4. Excessive use of solar heaters

A. 1 and 2
B. 1, 2 and 4
C. 1, 2 and 3
D. 1, 2, 3 and 4

Question ID : **2055233849**
Status : **Answered**
Chosen Option : **3**

**Ans**

✘ 1. A

✘ 2. B

✘ 3. D

✔ 4. C

**Q.67** Calculate the amount if Rs. 400 is invested on compound interest at the rate of 5% per annum for 2 years.

A. 440
B. 441
C. 445
D. 480

Question ID : **2055233866**
Status : **Answered**
Chosen Option : **2**

**Ans**

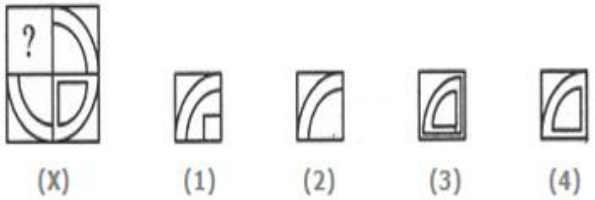
✘ 1. A

✔ 2. B

✘ 3. D

✘ 4. C

**Q.68** Complete the Figure X from the 4 alternatives 1,2,3,4




A. 1
B. 2
C. 3
D. 4

Question ID : **2055233891**
Status : **Answered**
Chosen Option : **4**

**Ans**

✘ 1. B

✘ 2. C

✘ 3. A

✔ 4. D

**Q.69** Which among the following network topologies has the highest transmission speed?

A. LAN
B. WAN
C. MAN
D. Both LAN and WAN have equal transmission speeds.

Question ID : **2055233828**
Status : **Answered**
Chosen Option : **3**

**Ans**
✔ 1. A
✘ 2. B
✘ 3. D
✘ 4. C

**Q.70** On dividing $15y^3 - 30y^2 + 12y - 12$ by $3y - 6$, the remainder is:

A. 6
B. 36
C. 30
D. 12

Question ID : **2055233870**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. B
✘ 4. A

**Q.71** Read the statements and select a conclusion from the given alternatives:

**Statements**: Some benches are autos.
All the boxes are autos.
All the pens are benches.

**Conclusions**:
(1) Some benches are boxes.
(2) No pen is auto.
(3) Some boxes are benches.

A. None of three
B. Only (1) and (2)
C. Only (1) and (3)
D. Only (2) and (3)

Question ID : **2055233901**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✘ 2. D
✔ 3. A
✘ 4. B

**Q.72** Indian has the largest area under _____ crop in the World.

A. Oil Seeds
B. Sugarcane
C. Wheat
D. Apple

Question ID : **2055233835**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✔ 2. B
✘ 3. A
✘ 4. D

**Q.73** The longest chord in a circle is:

A. Radius
B. Diameter
C. Segment
D. Sector

Question ID : **2055233875**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

**Q.74** Read the statements and select a conclusion from the given alternatives:

**Statement:** Good health is a luxury in country `X' where rate of mortality due to hunger, malnutrition and unhygienic conditions is very high as compared to other nations of that region.

**Conclusions:**

I. People in country `X' can't afford to have many luxuries life.
II. Good health is a gift of nature.

**Choose the right option**

A. only conclusion I follows.
B. only conclusion II follows.
C. either I or II follows.
D. neither I nor II follows.

Question ID : **2055233912**
Status : **Answered**
Chosen Option : **1**

**Ans**

✓ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

**Q.75** Which mirror is preferred as a rear-view (wing) mirrors in vehicles because of its wider field of view?

A. Convex
B. Plane
C. Concave
D. Concavo convex

Question ID : **2055233838**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. D

✓ 2. A

✗ 3. B

✗ 4. C

**Q.76** The main objectives of Indian space programme are:
1. Mass Communication and education via satellite.
2. Survey and management of natural resources through remote sensing technology, environmental monitoring and meteorological forecasting.
3. Development of indigenous satellites and satellite launch vehicles.

A. Only 1
B. Only 2
C. 1 & 3 both
D. 1, 2 and 3

Question ID : **2055233847**
Status : **Answered**
Chosen Option : **2**

**Ans**

✓ 1. D

✗ 2. B

✗ 3. A

✗ 4. C

**Q.77** Four pair of words are given below out of which three are alike in some manner and one pair is different. Which is different from the rest?

A. Hard : Soft
B. Long : High
C. Sweet : Sour
D. Pointed : Blunt

Question ID : **2055233888**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. C

✗ 2. D

✓ 3. B

✗ 4. A

**Q.78** Read the statements and select a conclusion from the given alternatives:

**Statements**: All the wires are books.
All the plates are books.
Some wallets are plates.

**Conclusions**:

(1) Some wires are plates.
(2) Some books are wires.
(3) Some books are wallets.

A. Only (1)
B. Only (2) and (3)
C. Only (1) and (2)
D. Only (1) and (3)

Question ID : **2055233900**
Status : **Answered**
Chosen Option : **3**

**Ans**

1. D
2. C
3. B
4. A

**Q.79** Four pair of words are given below out of which three are alike in some manner and one pair is different. Which is different from the rest?

A. Student : Scholar
B. Paddy : Husk
C. Soldier : Warrior
D. Politician : Leader

Question ID : **2055233892**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. A
2. C
3. D
4. B

**Q.80** If Selling Price is Rs. 84 & Gain Percentage = 20%, Calculate the Cost Price.

A. Rs. 70
B. Rs. 68
C. Rs. 71
D. Rs. 69

Question ID : **2055233867**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. D
2. B
3. A
4. C

**Comprehension:**

**Based on the table below answer the following questions:**
The table given below shows the percentage distribution of the total expenditures of a company Zeta Interactive Services under various expense heads during 2003.

| | |
|---|---|
| Infrastructure | **20** |
| Transport | **12.5** |
| Advertisement | **15** |
| Taxes | **10** |
| R&D | **5** |
| Salaries | **20** |
| Interest on Loans | **17.5** |

**SubQuestion No : 81**

**Q.81** If the interest on loans amounted to Rs.2.45 crores, then the total amount of expenditure on advertisement, taxes and research and development of Zeta Interactive Services is

A. Rs. 7 crores
B. Rs. 5.4 crores
C. Rs. 4.2 crores
D. Rs. 3 crores

Question ID : **2055233910**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. A
2. C
3. B
4. D

**Comprehension:**

**Based on the table below answer the following questions:**
The table given below shows the percentage distribution of the total expenditures of a company Zeta Interactive Services under various expense heads during 2003.

| | |
|---|---|
| Infrastructure | 20 |
| Transport | 12.5 |
| Advertisement | 15 |
| Taxes | 10 |
| R&D | 5 |
| Salaries | 20 |
| Interest on Loans | 17.5 |

**SubQuestion No : 82**

**Q.82** What is the ratio of the total expenditure on infrastructure and transport to the total expenditure on taxes and interest on loans of Zeta Interactive Services?

A. 5:4
B. 8:7
C. 9:7
D. 13:11

Question ID : **2055233909**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

**Comprehension:**

**Based on the table below answer the following questions:**
The table given below shows the percentage distribution of the total expenditures of a company Zeta Interactive Services under various expense heads during 2003.

| | |
|---|---|
| Infrastructure | 20 |
| Transport | 12.5 |
| Advertisement | 15 |
| Taxes | 10 |
| R&D | 5 |
| Salaries | 20 |
| Interest on Loans | 17.5 |

**SubQuestion No : 83**

**Q.83** If the expenditure of Zeta Interactive Services on advertisement is 2.10 crores then the difference between the expenditure on transport and taxes is?

A. Rs. 1.25 crores
B. Rs. 95 lakhs
C. Rs. 65 lakhs
D. Rs. 35 lakhs

Question ID : **2055233908**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

**Q.84**

A shopkeeper purchased a stereo system of marked price Rs. 2000, at successive discounts of 10% & 15% respectively. He then spent Rs.70 on packaging and sold it at Rs.2000. Calculate his gain percentage.

A. No Gain
B. 25%
C. 30%
D. 35%

Question ID : **2055233869**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

---

**Q.85** Who among the following is/was not associated with Cricket?

A. Farhaan Behardien
B. Aaron Phangiso
C. Vernon Philander
D. Stan Wawrinka

Question ID : **2055233823**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

---

**Q.86** Which of the following is the outermost part of human skin?

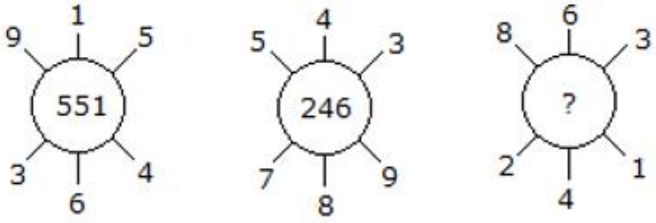
A. Epidermis
B. Dermis
C. Hypodermis
D. Nerve Fiber

Question ID : **2055233844**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. D
✗ 4. B

---

**Q.87** Insert the missing character in?




A. 262
B. 622
C. 631
D. 824

Question ID : **2055233886**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

---

**Q.88** Indian National Army was formed by:

A. Mohan Singh
B. Subhash Chandra Bose
C. Chandrashekhar Azad
D. Ras Bihari

Question ID : **2055233837**
Status : **Answered**
Chosen Option : **1**

**Ans**

1. B
2. A
3. C
4. D

**Q.89** Factors of $x^2 - 6x + 8$ are:

A. $(x - 4)(x - 2)$
B. $(x + 4)(x + 2)$
C. $(x + 8)(x - 2)$
D. $(x - 4)(x + 2)$

Question ID : **2055233871**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. A
2. D
3. C
4. B

**Q.90** Find the least number that must be subtracted from 87375, to get a number exactly divisible by 698.

A. 120
B. 125
C. 250
D. 375

Question ID : **2055233854**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
1. C
2. A
3. D
4. B

**Q.91** Which company developed the Android OS, a mobile operating system Software in 2007?

A. Microsoft Corp.
B. Google Corp.
C. Intel
D. Apple Corp.

Question ID : **2055233829**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. C
2. A
3. B
4. D

**Q.92** In a certain code language, if HISTORY is coded as 7326845 and CIVICS is coded as 135312, then VISITOR will be coded as?

A. 5323684
B. 6843532
C. 8463352
D. 5323648

Question ID : **2055233882**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. B
2. A
3. C
4. D

**Q.93** A man buys 20 pencils for Rs. 6 and sells 16 pencils for Rs. 6. Calculate his gain or loss percentage.

A. 20
B. 25
C. 27
D. 30

Question ID : **2055233868**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** 1. C
2. B
3. A
4. D

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.94**

Question ID : **2055233858**
Status : **Answered**

Three clocks are designed to alarm once every hour, every two hours and every three hours respectively. If they all alarmed together now, after how many hours they will together alarm next?

A. 3 hours
B. 6 hours
C. 4 hours
D. 12 hours

Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.95** If a/b = 1/3 ; b/c =1/2 and a=2 then the value of c is:

A. 8
B. 10
C. 12
D. 16

Question ID : **2055233860**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.96** If in a certain language, SINK is coded as ISKN, how is MINT coded in that code?

A. TMNI
B. IMTN
C. INMT
D. TINM

Question ID : **2055233883**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.97** To take the revenge for the Jallianwala Bagh Massacre, who killed General O'Dwyer in London?

A. Sardar Bhagat Singh
B. Sardar Udham Singh
C. Sardar Ajit Singh
D. Raj Guru

Question ID : **2055233836**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

**Q.98** Read the statements and select a conclusion from the given alternatives:
**Statements:** Our equity investments carry market risk. Consult your investment advisor or agent before investing.
**Conclusions:**
I. One should not invest in equity.
II. The investment advisor calculates the market risk with certainty.

A. Only conclusion I follows
B. Only conclusion II follows
C. Either I or II follows
D. Neither I nor II follows

Question ID : **2055233913**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.99** In a right-angled triangle, the hypotenuse is 2cm longer than the perpendicular which is 2cm longer than the base. Calculate the length of the base.

A. 6 cm
B. 9 cm
C. 10 cm
D. 8 cm

Question ID : **2055233873**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. B

3. A

4. D

**Q.100** Who among the following is famously known as "The Haryana Hurricane"?

A. Mansoor Ali Khan Pataudi
B. Kapil Dev
C. Saina Nehwal
D. Vijender Singh

Question ID : **2055233822**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

1. A

2. B

3. D

4. C

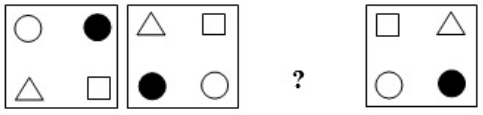
# RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

## RRB NTPC 29th March 2016 Shift 3

| | |
|---|---|
| Roll No: | |
| Participants Name: | |
| Test Center Name: | |
| Test Date: | 29/03/2016 |
| Test Time: | 4:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

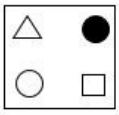
**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

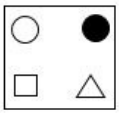
**Q.1** Look carefully at the sequence of symbols to find the pattern.

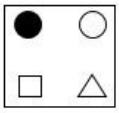


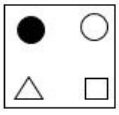
Which of the following will replace the (?) in the sequence?

Question ID : **988837400**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

A. 

B. 

C. 

D. 

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.2** In a certain code, 592 means 'grapes are sweet', 374 means 'I like oranges' and 267 means 'oranges are sour'. Which digit represents sour?

A. 9
B. 5
C. 6
D. Cannot be determined

Question ID : **988837383**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

**Q.3**

Question ID : **988837348**
Status : **Not Attempted**

Which of the following statements is true with respect to Glucometer?

Chosen Option : --

A. It is a medical device.
B. It is a non-medical device.
C. It is used to measure oxygen level in the air.
D. It is used to measure nitrogen level in the air.

Ans
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

---

**Q.4** Car B is twice as fast as car A. If car A covers 90 km in 2 hours, what is the speed of car B?

Question ID : **988837362**
Status : **Answered**
Chosen Option : **1**

A. 90 kmph
B. 80 kmph
C. 100 kmph
D. 70 kmph

Ans
✓ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

---

**Q.5** निम्नलिखित में से कौन सी एक गैस रंगहीन एवं गंधहीन नहीं है?

Question ID : **988837333**
Status : **Answered**
Chosen Option : **2**

A. नाइट्रोजन (Nitrogen)
B. क्लोरीन (Chlorine)
C. हाइड्रोजन (Hydrogen)
D. ऑक्सीजन (Oxygen)

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

---

**Q.6** The ratio of speeds of X and Y is 5:7. Y covers a distance of 420 km in 3 hours. What is the speed of X?

Question ID : **988837363**
Status : **Answered**
Chosen Option : **1**

A. 80 kmph
B. 90 kmph
C. 100 kmph
D. 120 kmph

Ans
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

---

**Q.7** Cricket World Cup 2015 was hosted by

Question ID : **988837320**
Status : **Answered**
Chosen Option : **3**

A. England
B. New Zealand
C. Australia
D. New Zealand & Australia

Ans
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

---

**Q.8**

Question ID : **988837330**
Status : **Answered**

The World Heritage Site Bhimbetka in MP is famous for

Chosen Option : **4**

A. Forests
B. Mountain ranges
C. Rock shelters
D. Waterfalls

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.9** The standard deviation of the set {10, 11, 9, 11, 9} is

Question ID : **988837378**
Status : **Not Attempted**
Chosen Option : **--**

A. $1/\sqrt{5}$
B. $2/\sqrt{5}$
C. $3/\sqrt{5}$
D. 0

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

**Q.10** An assertion (A) and a reason (R) are given below.

**Assertion (A)**: Plants convert light energy into chemical energy during the process of photosynthesis.
**Reason (R)**: Sugar produced from photosynthesis by plants is used by human beings as a source of energy.

Choose the correct option.

A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true

Question ID : **988837411**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.11** How many times does the number 5 occur in the range of numbers from 1 to 100?

A. 21
B. 22
C. 20
D. 19

Question ID : **988837350**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

**Q.12** A body in motion essentially acquires

A. Kinetic energy
B. Potential energy
C. Mechanical energy
D. Heat energy

Question ID : **988837331**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

**Q.13** In a certain code, if **LEMON** is coded as **PWOMA** then **SHIRT** is coded as

A. ITSJH
B. GRQHF
C. HSRIG
D. TRIHS

Question ID : **988837380**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

**Q.14** यदि ढाई किलो सब्जी का मूल्य 120 रूपये है तो आधा किलो सब्जी का मूल्य कितना होगा?

A. 60
B. 36
C. 24
D. 48

Question ID : **988837351**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.15** Select the alternative that shows a similar relationship as the given pair -

**Yarn : Fabric**

A. Root : Tree
B. Heart : Body
C. Metal : Sword
D. Ink : Pen

Question ID : **988837389**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.16** In which year, was the Noble Peace Prize jointly given to Kailash Satyarthi and Malala Yousafzai?

A. 2012
B. 2013
C. 2014
D. 2015

Question ID : **988837327**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. A
✓ 3. C
✗ 4. B

**Q.17** What is the name of the spacecraft to be launched in 2019-20 by ISRO to study the sun?

A. Surya
B. Aditya
C. Ravi
D. Bhaskar

Question ID : **988837346**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.18** Who was the first woman president of Indian National Congress in pre-Independent India?

A. Vijayalakshmi Pandit
B. Sarojini Naidu
C. Annie Besant
D. Madam Cama

Question ID : **988837318**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

**Q.19** Right To Information (RTI) Act came into effect in the year

A. 2004
B. 2005
C. 2006
D. 2007

Question ID : **988837326**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

**Q.20** The sum of three consecutive even numbers is 42. Find the middle number.

A. 12
B. 18
C. 16
D. 14

Question ID : **988837355**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A

✗ 2. B

✓ 3. D

✗ 4. C

**Q.21** Solve: $(x + 2y)(2x - y)$

A. $2x^2 + 5xy + 2y^2$
B. $2x^2 + 3xy - 2y^2$
C. $x^2 + 4xy + y^2$
D. $x^2 + 4xy - y^2$

Question ID : **988837369**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A

✗ 2. D

✗ 3. C

✓ 4. B

**Q.22** इन आंकड़ों 1, 9, 5, 4, 2, 1, 9, 9, 2, 1, 9, 1, 2, 1 का मध्य (mean) था बहुलक (mode) क्या है?

A. 4 तथा 9
B. 5 तथा 1
C. 4 तथा 1
D. 5 तथा 9

Question ID : **988837377**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A

✗ 2. D

✓ 3. C

✗ 4. B

**Q.23** शब्दों के चार जोड़े दिए गए हैं. तीन जोड़े संबंधित हैं और एक कुछ मुद्दे पर भिन्न है. भिन्न जोड़ा पहचाने.

A. Hydrogen : Sulphuric Acid
B. Chlorine : Salt
C. Oxygen : Water
D. Nitrogen : Hydrochloric Acid

Question ID : **988837390**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C

✗ 2. B

✓ 3. D

✗ 4. A

**Q.24** ऑस्टियोपोरोसिस किस रोग से संबंधित है-

A. हड्डी
B. दिल
C. गुर्दा
D. फेफड़े

Question ID : **988837341**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

**Q.25** Who among the following is not a Bharat Ratna recipient?

A. Bhimsen Joshi
B. A. R. Rahman
C. Lata Mangeshkar
D. M. S. Subbulakshmi

Question ID : **988837317**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. C
✗ 4. A

**Q.26** The UNESCO World Heritage Site, Victoria Memorial Hall is located in which Indian city?

A. Mumbai
B. Chennai
C. Kolkata
D. Delhi

Question ID : **988837329**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✓ 2. C
✗ 3. B
✗ 4. D

**Q.27** The value of $(\sec^2\theta + 2\tan\theta\cot\theta - \tan^2\theta)$ is

A. 0
B. 1
C. 2
D. 3

Question ID : **988837375**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

**Q.28** 'बिस्मार्क ऑफ़ इंडिया' 'Bismarck of India' किसे कहा जाता है?

A. जवाहर लाल नेहरू
B. वल्लभभाई पटेल
C. सरोजिनी नायडू
D. लोकमान्य तिलक

Question ID : **988837319**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A

✗ 2. D

✓ 3. B

✗ 4. C

**Q.29** 9 औरतें एक कार्य को 50 दिनों में पूरा कर सकती हैं, यदि 6 औरतें और बढा दी जाएँ तो यह कार्य कितने दिन पहले पूरा हो जायेगा?

A. 30
B. 20
C. 15
D. 25

Question ID : **988837361**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

**Q.30** If $4x + 5y = 14$ and $x - 5y = 16$ then the value of x and y are

A. 10 and –6/5
B. 6 and 2
C. 10 and 6/5
D. 6 and –2

Question ID : **988837371**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. B

✓ 2. D

✗ 3. C

✗ 4. A

**Q.31** You have 20 big and 16 small diaries and want to make gift packs containing both in each pack. What is the maximum number of gift packs you can make without any left over?

A. 5
B. 4
C. 3
D. 2

Question ID : **988837357**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✗ 1. D

✗ 2. A

✓ 3. B

✗ 4. C

**Q.32** मंगल आर्बिटर मिशन (MOM), मंगलयान को किस वर्ष में प्रक्षेपित किया गया था?

A. 2012
B. 2013
C. 2014
D. 2015

Question ID : **988837347**
Status : **Answered**
Chosen Option : **1**

**Ans**

✗ 1. D

✗ 2. A

✗ 3. C

✓ 4. B

**Q.33** निम्नलिखित में से कौन सा कथन असत्य है?

A. मैन्ग्रोव जैव विविधता को बनाए रखते हैं।
B. मैन्ग्रोव आम प्रदान करते हैं।
C. मैन्ग्रोव बाढ़ को रोकते हैं।
D. शहरीकरण के कारण मैन्ग्रोव नष्ट हो रहे हैं।

Question ID : **988837323**
Status : **Answered**
Chosen Option : **1**

**Ans**

✓ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

**Q.34** If P means '÷', Q means '+', R means '–' and S means '×', then the value of **10 R 192 P 48 S 48 P 96 Q 1** is

A. 10
B. 9
C. 8
D. 7

Question ID : **988837387**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

**Q.35** If L:M = 3:5 and M:N = 2:3, then N:L = ?

A. 2:1
B. 5:2
C. 3:2
D. 1:2

Question ID : **988837358**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

**Q.36** 10 दर्जन सेब, 15 दर्जन आम, 20 दर्जन संतरे बेचने के लिए रखे गये। यदि प्रत्येक में से क्रमशः 1/2, 1/3 तथा 1/4 फल बिक गए, तो कुल कितने फल बाकी रह गए हैं?

A. 420
B. 380
C. 180
D. 360

Question ID : **988837359**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

**Q.37** When the human body temperature falls by about 2–3.5°F below the normal body temperature, the condition is known as

A. Fever
B. Hypothermia
C. Hyperthermia
D. Hyperpyrexia

Question ID : **988837340**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.38** निम्नलिखित में समानता मालूम करें :

**गिद्ध, पतंग, चमगादड़, उल्लू**

A. ये सभी रात्रि में उड़नेवाले पक्षी हैं|
B. ये सभी स्तनधारी हैं.|
C. ये सभी उड़ सकते हैं|
D. कोई समानता नहीं है|

Question ID : **988837391**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C

✗ 3. A

✗ 4. D

**Q.39** Full form of BIOS is

A. Binary Interchange Operation System
B. Basic Input Output System
C. Beginner's Input Operation Symbol
D. Basic Interface Oriented Service

Question ID : **988837342**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

**Q.40** सामान्यतः निम्नलिखित में से कौन सा कैंसर का कारण नहीं है?

A. पर्यावरणीय कारक
B. अनुवांशिक उत्परिवर्तन
C. अनुवांशिक संशोधन
D. ट्रांसमिशन

Question ID : **988837335**
Status : **Answered**
Chosen Option : **2**

**Ans** ✓ 1. D

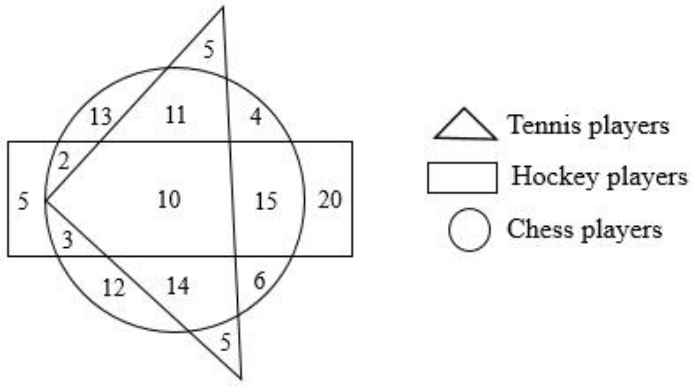
✗ 2. A

✗ 3. C

✗ 4. B

**Comprehension:**

Study the following diagram and answer questions based on it.




**SubQuestion No : 41**

**Q.41** The number of non-chess players is how much more than the players who play both chess and tennis.

A. 5
B. 10
C. It is the same
D. Cannot be determined

Question ID : **988837405**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. A

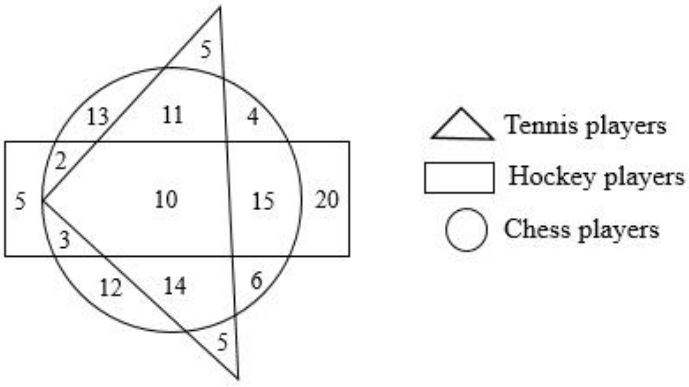
✗ 2. B

✓ 3. C

✗ 4. D

**Comprehension:**

Study the following diagram and answer questions based on it.




**SubQuestion No : 42**

**Q.42** The number of tennis players who are not hockey players is

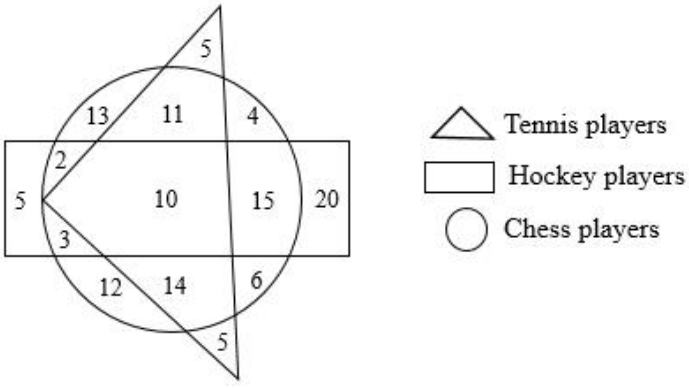
A. 10
B. 50
C. 55
D. 35

Question ID : **988837404**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

**Comprehension:**

Study the following diagram and answer questions based on it.




**SubQuestion No : 43**

**Q.43** The ratio of hockey players to chess players is

A. 9/18
B. 10/18
C. 11/18
D. 15/18

Question ID : **988837403**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.44**

Question ID : **988837386**
Status : **Answered**
Chosen Option : **1**

Find the missing (?) in the series

BCA, FGE, ?, NOM, RSQ, VWU

A. IJH
B. KLJ
C. KJI
D. JKI

Ans
1. D
2. C
3. B
4. A

Q.45 If the mathematical operator '+' means '÷', '–' means '+','÷' means '×' and '×' means '–', then the value of **17 – 7 + 27 + 3 × 79** is

A. -1
B. 0
C. 1
D. 2

Question ID : **988837385**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. D
3. A
4. C

Q.46 The value of tan(- 405°) is

A. 1
B. -1
C. ∞
D. 0

Question ID : **988837376**
Status : **Answered**
Chosen Option : **2**

Ans
1. D
2. B
3. A
4. C

Q.47 निम्नलिखित में से कौन सी एक गैस ग्रीनहाउस नहीं है?

A. ओजोन (Ozone)
B. नाइट्रस ऑक्साइड (Nitrous oxide)
C. जलवाष्प (Water vapor)
D. हाइड्रोजन (Hydrogen)

Question ID : **988837334**
Status : **Answered**
Chosen Option : **2**

Ans
1. B
2. C
3. D
4. A

Q.48 भारत-पाकिस्तान कारगिल Kargil युद्ध का कोड नाम ---------- था|

A. ऑपरेशन ब्लू स्टार Operation Blue Star
B. ऑपरेशन विजय Operation Vijay
C. ऑपरेशन विराट Operation Viraat
D. ऑपरेशन कारगिल Operation Kargil

Question ID : **988837315**
Status : **Answered**
Chosen Option : **2**

Ans
1. B

2. D

3. C

4. A

**Q.49** In a certain language, if **PLATE** is written as **CYNGR**, then **SHOCK** will be written as

A. HSLXP
B. FUBPX
C. HUYPX
D. FSBXP

Question ID : **988837382**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. C
3. A
4. D

**Q.50** Which of the following does computing in a personal computer?

A. CPU
B. Motherboard
C. RAM
D. BIOS

Question ID : **988837344**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. B
2. A
3. D
4. C

**Q.51** What is the highest common factor of 360 and 450?

A. 90
B. 45
C. 10
D. 9

Question ID : **988837356**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. B
2. D
3. A
4. C

**Q.52** सलमान ने कहा, "रहीम का पुत्र मेरे पुत्र का मामा है." रहीम का सलमान से क्या रिश्ता है?

A. साला
B. ससुर
C. पिता
D. दादा

Question ID : **988837393**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. A
2. D
3. B
4. C

**Q.53**

Question ID : **988837410**
Status : **Not Attempted**
Chosen Option : **--**

Statements followed by some conclusions are given below.

**Statements:**

1. Tea is green, Coffee is brown and milk is white.
2. More than half of the town likes tea.
3. People who like white don't like green and some people who like brown don't like white.

**Conclusions:**

I. Green is more popular in the town.
II. There is at least one coffee drinker who does not like tea.

Find which of the given conclusions logically follows from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

**Ans** ✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

---

**Q.54** The Rupee sign '₹' was adopted by Government of India in the year

A. 2009
B. 2010
C. 2011
D. 2012

Question ID : **988837311**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

---

**Q.55** The second largest river in terms of length in India is

A. Narmada
B. Yamuna
C. Brahmaputra
D. Godavari

Question ID : **988837313**
Status : **Answered**
Chosen Option : **2**

**Ans** ✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

---

**Q.56** On a certain principal, simple interest amounts to Rs. 2,000 in two years at the rate of 10% p.a. What will be the difference in the amount of interest if the same is compounded on annual basis?

A. Rs. 200
B. Rs. 220
C. Rs. 100
D. Rs. 120

Question ID : **988837365**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** ✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

---

**Q.57** A prime number

A. Is not a positive integer.
B. Has no divisor at all.
C. Has only 1 and itself as divisors.
D. Has more than two divisors.

Question ID : **988837354**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. B
✗ 2. D

3. A

4. C

**Q.58** Russian Sukhoi 24 (SU-24) flight was shot down in November 2015 by

A. Syria
B. North Korea
C. Afghanistan
D. Turkey

Question ID : **988837310**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. A
2. D
3. C
4. B

**Q.59** Ram lent Rs. 6,000/- to Shiva for 3 years and Rs. 8,000/- to Krishna for 5 years at the same rate of simple interest per annum. He got a total interest of Rs. 5,220 from both. Find the rate of interest per annum.

A. 6%
B. 7%
C. 8%
D. 9%

Question ID : **988837364**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. A
2. D
3. C
4. B

**Q.60** The first Indian to win an Olympic medal in badminton was

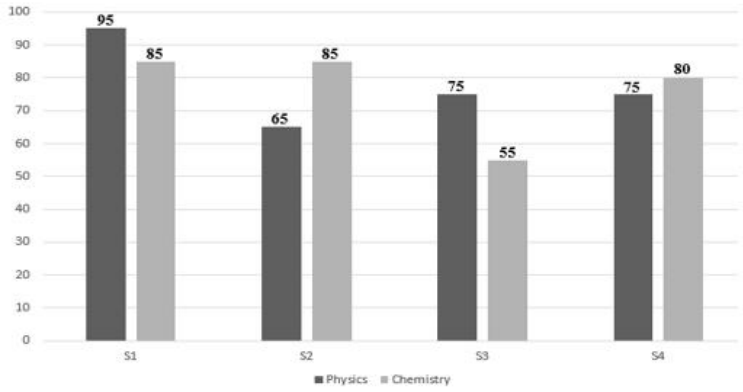
A. Syed Modi
B. Prakash Padukone
C. Pullela Gopichand
D. Saina Nehwal

Question ID : **988837321**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. B
2. D
3. A
4. C

**Comprehension:**

The bar chart represents marks of four students S1, S2, S3 and S4 in Physics and Chemistry. Consider the bar chart and answer questions based on it.




**SubQuestion No : 61**

**Q.61** What is the ratio of total marks of all students in Chemistry to that of Physics in percentage?

A. 94%
B. 96%
C. 98%
D. 102%

Question ID : **988837407**
Status : **Answered**
Chosen Option : **3**

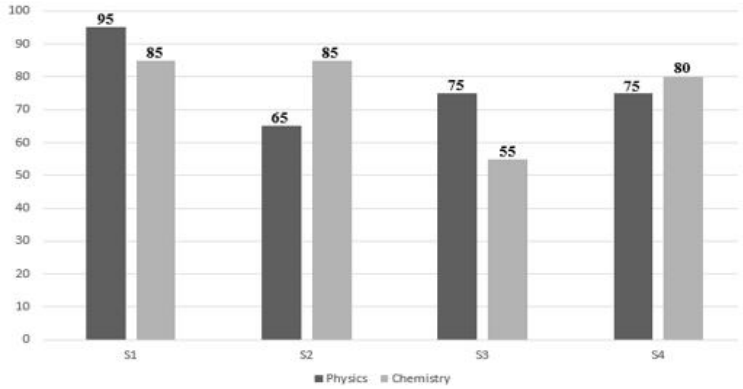
**Ans**
1. A
2. D

✔ 3. C

✘ 4. B

**Comprehension:**

The bar chart represents marks of four students S1, S2, S3 and S4 in Physics and Chemistry. Consider the bar chart and answer questions based on it.




**SubQuestion No : 62**

**Q.62** What is the ratio of total marks in both subjects obtained by S2 to that of S4?

A. 25/31
B. 30/31
C. 36/31
D. 31/25

Question ID : **988837408**
Status : **Answered**
Chosen Option : **2**

**Ans**

✘ 1. A

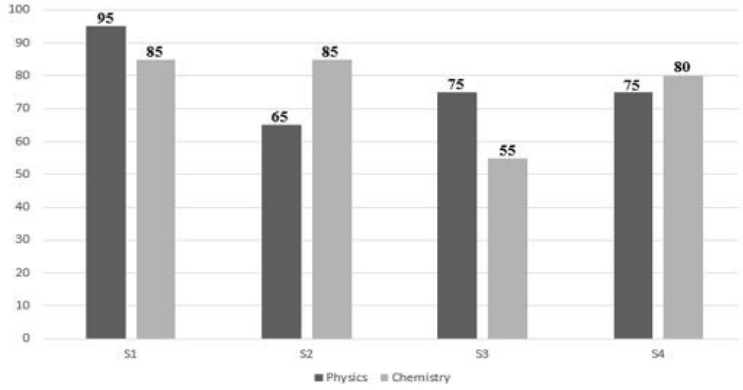
✔ 2. B

✘ 3. C

✘ 4. D

**Comprehension:**

The bar chart represents marks of four students S1, S2, S3 and S4 in Physics and Chemistry. Consider the bar chart and answer questions based on it.




**SubQuestion No : 63**

**Q.63** What is the ratio of marks obtained in Physics of S3 to that of S1?

A. 11/19
B. 15/19
C. 13/19
D. 17/19

Question ID : **988837409**
Status : **Answered**
Chosen Option : **3**

**Ans**

✘ 1. D

✘ 2. C

✔ 3. B

✘ 4. A

**Q.64** $P + Q = 2(P - Q)$ If Q=10, what is the value of P?

A. 10
B. 40
C. 20
D. 30

Question ID : **988837352**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

**Q.65** उस विकल्प का चयन करें जो दिए गए जोड़े जैसे संबंध दर्शाता हो-
**बाघ: शावक**

A. हाथी: बछड़ा
B. कुत्ता: शावक
C. तेंदुआ: बिल्ली का बच्चा
D. घोड़ा: हिरन का बच्चा

Question ID : **988837388**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. C
✘ 2. D
✘ 3. B
✔ 4. A

**Q.66** What is the area of the square, if the length of its diagonal is $13\sqrt{2}$ units?

A. 104 sq. units
B. 169 sq. units
C. 338 sq. units
D. 676 sq. units

Question ID : **988837372**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.67** The pressure inside the cabin of the aircraft flying at an altitude is

A. The same as that outside.
B. Less than that outside.
C. More than that outside.
D. Normal atmospheric pressure at sea level.

Question ID : **988837332**
Status : **Answered**
Chosen Option : **2**

**Ans**
✔ 1. C
✘ 2. D
✘ 3. A
✘ 4. B

**Q.68** 2½ दर्जन सेबों का क्रय मूल्य रुपये 300 है, प्रत्येक सेब को रुपये 15 में बेचा गया। तो लाभ प्रतिशत कितना है?

A. 30%
B. 50%
C. 40%
D. 25%

Question ID : **988837368**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C

✗ 4. D

**Q.69** 'Akash' developed by DRDO is

A. A surface-to-air missile system.
B. A surface-to-surface missile system.
C. A air-to-surface missile system.
D. Not a missile system.

Question ID : **988837337**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

**Q.70** In a certain town, ST Bazaar is the only option for people to buy groceries. A healthy marketplace is characterized by competition and not monopoly. Which conclusion follows the given statements?

A. ST Bazaar is a family owned business.
B. ST Bazaar is a super market.
C. ST Bazaar has a monopoly in the town.
D. ST Bazaar is liked by most people of the town.

Question ID : **988837412**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.71** Which of the following fractions is the least of all?

A. 6/5
B. 4/3
C. 3/2
D. 5/4

Question ID : **988837353**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. B
✓ 4. A

**Q.72** निम्नलिखित गड़बड़ शब्दों को पुनः इस प्रकार जमाएँ कि उससे एक सार्थक वाक्य बन जाए:

5: and
6: Gopu
7: a famous mathematician
8: is also
9: is a great writer

उचित क्रमानुसार होना चाहिए:

A. 68759
B. 69875
C. 69587
D. 68795

Question ID : **988837399**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

**Q.73**

Question ID : **988837394**
Status : **Answered**
Chosen Option : **4**

निम्नलिखित अनुक्रम में कितने 7 हैं, जिनके तुरंत बाद 9 है, और जिनके तुरंत पहले 5 नहीं है?

**5 1 7 9 9 7 5 7 9 8 7 8 7 9 5 7 9**

A. 6
B. 1
C. 2
D. 4

**Ans** ✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

---

**Q.74** 'Cow' has been declared as the personality of the year 2015 by

A. Microsoft
B. Google
C. Yahoo India
D. Facebook

Question ID : **988837316**
Status : **Answered**
Chosen Option : **4**

**Ans** ✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

---

**Q.75** ZIKA virus which causes neurological birth disorders is transmitted by

A. Rat bites
B. Mosquito bites
C. Snake bites
D. Monkey bites

Question ID : **988837339**
Status : **Answered**
Chosen Option : **2**

**Ans** ✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

---

**Q.76** If a person has sold an article for Rs. 1,300 and made a profit of 30%, find the cost price of the article.

A. Rs. 1,000
B. Rs. 1,200
C. Rs. 1,250
D. Rs. 1,100

Question ID : **988837366**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. A
✗ 2. C
✗ 3. B
✗ 4. D

---

**Q.77** यह कथन कि 'मानव के लिए यह छोटा सा कदम, मानवता के लिए एक बड़ी छलांग है।''That's one small step for man, one giant leap for mankind.' किसके द्वारा कहा गया है|

A. लिंडन जॉनसन (Lyndon Johnson)
B. रिचर्ड निक्सन (Richard Nixon)
C. नील आर्मस्ट्रांग (Neil Armstrong)
D. जॉन एफ़ कैनेडी (John F Kennedy)

Question ID : **988837345**
Status : **Answered**
Chosen Option : **1**

**Ans** ✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

---

**Q.78**

Question ID : **988837381**
Status : **Answered**
Chosen Option : **1**

If **PERK** = **5638** and **BLACKEN** = **4917862** then **7317896** is

A. PRICKLE
B. CRANKLE
C. CRIPPLE
D. CRACKLE

**Ans**
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

**Q.79** The GST Bill introduced in parliament in 2015 is

Question ID : **988837325**
Status : **Answered**
Chosen Option : **2**

A. A financial bill.
B. Not a money bill.
C. A constitutional amendment bill.
D. An ordinary bill.

**Ans**
✘ 1. A
✘ 2. D
✘ 3. B
✔ 4. C

**Q.80** निम्नलिखित एजेंटों में से कौन सा पेयजल की शुद्धिकरण (शोधन) के लिए अच्छा है?

Question ID : **988837349**
Status : **Answered**
Chosen Option : **3**

A. उत्प्रेरक (कैटेलिटिक) एजेंट (Catalytic agent)
B. अपचायक (रिड्यूसिंग) एजेंट (Reducing agent)
C. स्टरलाइजिंग एजेंट (Sterilizing agent)
D. ऑक्सीडाइजिंग एजेंट (Oxidizing agent)

**Ans**
✘ 1. B
✘ 2. A
✔ 3. D
✘ 4. C

**Q.81** World Environment Day is celebrated on

Question ID : **988837324**
Status : **Answered**
Chosen Option : **3**

A. 5$^{th}$ April
B. 15$^{th}$ May
C. 5$^{th}$ June
D. 15$^{th}$ July

**Ans**
✘ 1. A
✘ 2. D
✔ 3. C
✘ 4. B

**Comprehension:**

निम्नलखित सूचनाओं पर विचार करें और उन पर आधारित सवालों के जवाब दें.

सात छात्र S, Y, O, R, H, T व I एक कतार में अव्यवस्थित क्रम में खड़े हैं.

1. T के बाएँ से दूसरे और Y से बाएँ से पाँचवें पर I खड़ा है.
2. S के दाएँ से तीसरे पर R है तथा R के तुरंत बाएँ O है.
3. दाएँ सिरे पर Y है.

**SubQuestion No : 82**

Q.82 कतार के बीच में जो व्यक्ति खड़ा है, उसके तुरंत बाद दाई ओर कौन खड़ा है?

Question ID : **988837397**
Status : **Answered**
Chosen Option : **3**

A. S
B. R
C. I
D. O

Ans
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

**Comprehension:**

निम्नलिखित सूचनाओं पर विचार करें और उन पर आधारित सवालों के जवाब दें.

सात छात्र S, Y, O, R, H, T व I एक कतार में अव्यवस्थित क्रम में खड़े हैं.

1. T के बाएँ से दूसरे और Y से बाएँ से पाँचवें पर I खड़ा है.
2. S के दाएँ से तीसरे पर R है तथा R के तुरंत बाएँ O है.
3. दाएँ सिरे पर Y है.

**SubQuestion No : 83**

Q.83 अधिकतम एक व्यक्ति_____के बीच खड़ा है

Question ID : **988837398**
Status : **Answered**
Chosen Option : **2**

A. H और R
B. T और Y
C. O और S
D. I और H

Ans
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

**Comprehension:**

निम्नलिखित सूचनाओं पर विचार करें और उन पर आधारित सवालों के जवाब दें.

सात छात्र S, Y, O, R, H, T व I एक कतार में अव्यवस्थित क्रम में खड़े हैं.

1. T के बाएँ से दूसरे और Y से बाएँ से पाँचवें पर I खड़ा है.
2. S के दाएँ से तीसरे पर R है तथा R के तुरंत बाएँ O है.
3. दाएँ सिरे पर Y है.

**SubQuestion No : 84**

Q.84 बाएँ सिरे पर कौन खड़ा है?

Question ID : **988837396**
Status : **Answered**
Chosen Option : **2**

A. H
B. T
C. I
D. S

Ans
✗ 1. B
✓ 2. A
✗ 3. D

✗ 4. C

**Q.85** भारत की सबसे लंबी सीमा किस देश के साथ है?

A. पाकिस्तान
B. बांग्लादेश
C. चीन
D. नेपाल

Question ID : **988837314**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.86** Women's Doubles World Champions for 2015 announced by International Tennis Federation are

A. Martina Hingis and Sania Mirza
B. M. Sands and L Safarova
C. Serena Williams and Venus Williams
D. Sara Errani and Roberta Vinci

Question ID : **988837322**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Q.87** पुष्पा ने 2 दर्जन पैन रुपये 480 में ख़रीदे तथा 4 पैन के पैकेट के हिसाब से रुपये 100 में प्रति पैकट बेचा। उसका लाभ % कितना होगा?

A. 20%
B. 16%
C. 18%
D. 25%

Question ID : **988837367**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. D
✗ 3. A
✗ 4. C

**Q.88** Find the range of the data: 11, 13, 9, 17, 13, 19, 10, 11

A. 9
B. 10
C. 11
D. 13

Question ID : **988837379**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.89** Find the value of (?) in the series 3, 4, 6, 8, 12, ? , 18

A. 13
B. 14
C. 15
D. 16

Question ID : **988837384**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D

✔ 4. B

**Q.90** World No-Tobacco Day falls on

A. 1st May
B. 31st May
C. 1st June
D. 30th June

Question ID : **988837312**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. C
✘ 4. D

**Q.91** Expand: $(s + 2)^3$

A. $s^3 + 3s^2 + 12s + 8$
B. $s^3 + 3s^2 + 6s + 8$
C. $s^3 + 6s^2 + 12s + 8$
D. $s^3 + 6s^2 + 6s + 8$

Question ID : **988837370**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. D
✘ 2. B
✔ 3. C
✘ 4. A

**Q.92** Biotechnology means

A. Technical study of bacteria.
B. Technical study of chemicals in the body.
C. Infusion of technology in human anatomy.
D. Use of living organisms in industrial processes.

Question ID : **988837336**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✔ 2. D
✘ 3. B
✘ 4. C

**Q.93** Karan's number in the queue is twelfth from the counter. There are five people between Karan and Sunil. What is Sunil's number in the queue?

A. 19
B. 18
C. 20
D. 17

Question ID : **988837392**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✔ 2. B
✘ 3. C
✘ 4. A

**Q.94**

Question ID : **988837401**
Status : **Not Attempted**
Chosen Option : **--**

Statements followed by some conclusions are given below.

**Statements:**

1. A bag has 2 white, 3 black, 4 red and 6 green balls.
2. 2 balls are selected at random from the bag.

**Conclusions:**

I. The probability that a black ball is selected is 1/5.
II. The probability that a red ball is selected is 6/15

Find which of the conclusions logically follows from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

---

**Q.95** Vikram and Vivek can finish a work in 50 days. They worked together for 20 days and then left. How much work has been done by them?

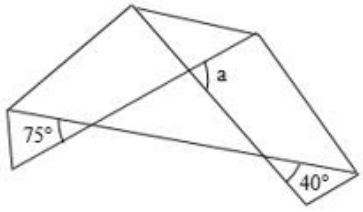
A. 3/5
B. 1/3
C. 1/2
D. 2/5

Question ID : **988837360**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

---

**Q.96**




Question ID : **988837374**
Status : **Not Attempted**
Chosen Option : **--**

What is the value of a?

A. 65°
B. 75°
C. 105°
D. 115°

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B
✓ 4. D

---

**Q.97** Debugging is the process of

Question ID : **988837343**
Status : **Answered**
Chosen Option : **1**

A. Rolling out a software program.
B. Modifying a software program.
C. Checking errors in a software program.
D. Changing the design structure of a program.

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B

✗ 4. A

**Q.98** The 103rd Indian Annual Science Congress was held in

A. Bengaluru
B. Mysore
C. New Delhi
D. Lucknow

Question ID : **988837338**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Q.99** एक 18 फीट ऊँचा बिजली का खम्भा 6 फीट ऊँचे पेड़ से 10 फीट की दूरी पर स्थित है। पेड़ की परछाई की लम्बाई कितनी होगी?

A. 10 फीट
B. 7.5 फीट
C. 6 फीट
D. 5 फीट

Question ID : **988837373**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C

**Q.100** Who was the chief guest on the occasion of 69th Independence Day celebrations in India?

A. President of France
B. President of China
C. Prime Minister of Bhutan
D. President of U.S.A.

Question ID : **988837328**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 30th March 2016 Shift 3

| | |
|---|---|
| Roll No: | |
| Participants Name: | |
| Test Center Name: | i |
| Test Date: | 30/03/2016 |
| Test Time: | 4:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Find the factors of $(x^2 - x - 132)$

A. $(x - 11)(x - 12)$
B. $(x + 12)(x - 11)$
C. $(x + 11)(x + 12)$
D. $(x - 12)(x + 11)$

Question ID : **2055231090**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

**Q.2** A college council is auditioning students for a cultural festival. They must satisfy the following criteria –

1. Student must know at least one dance form.
2. Student must know to play at least one musical instrument.
3. Student must have good acting skills.

Which one of the following will the council definitely select?

A. Z is a Bharat Natyam dancer, a violinist but does not have any acting skills.
B. P plays football, guitar, has acted in road shows and is a classical dancer.
C. J is a contemporary dancer, a great actor and is planning to learn flute.
D. A plays sitar, is a hip-hop dancer and does not have any acting skills.

Question ID : **2055231133**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

**Q.3** If **RESEARCH** is $#!#%$&@ then **SCARE** is

A. !&%$#
B. !@%$#
C. !$%#&
D. !@%#$

Question ID : **2055231104**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A

2. B

3. D

4. C

**Comprehension:**

The likes and professions of five friends Rosy, Mary, Lily, Andy and Daisy are given. Consider the following information and answer questions based on it.

1. Rosy likes Yellow and is a Student.
2. The Librarian likes Green.
3. Mary and Andy like Purple and Blue respectively and neither of them is a Teacher.
4. Lily likes Brown and the Inspector likes Blue.
5. One of the five is a Principal.

**SubQuestion No : 4**

**Q.4** Which colour does the Teacher like?

A. Blue
B. Brown
C. Purple
D. Green

Question ID : **2055231118**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. C
2. A
3. B
4. D

**Comprehension:**

The likes and professions of five friends Rosy, Mary, Lily, Andy and Daisy are given. Consider the following information and answer questions based on it.

1. Rosy likes Yellow and is a Student.
2. The Librarian likes Green.
3. Mary and Andy like Purple and Blue respectively and neither of them is a Teacher.
4. Lily likes Brown and the Inspector likes Blue.
5. One of the five is a Principal.

**SubQuestion No : 5**

**Q.5** Who is the Principal?

A. Daisy
B. Andy
C. Mary
D. Lily

Question ID : **2055231117**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. D
2. C
3. A
4. B

**Comprehension:**

The likes and professions of five friends Rosy, Mary, Lily, Andy and Daisy are given. Consider the following information and answer questions based on it.

1. Rosy likes Yellow and is a Student.
2. The Librarian likes Green.
3. Mary and Andy like Purple and Blue respectively and neither of them is a Teacher.
4. Lily likes Brown and the Inspector likes Blue.
5. One of the five is a Principal.

**SubQuestion No : 6**

**Q.6** Which among the following is the wrong pair?

A. Andy – Inspector
B. Purple – Principal
C. Daisy – Green
D. Rosy – Teacher

Question ID : **2055231119**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

**Q.7** 1.123+11.23+112.3 =?

A. 123.453
B. 132.343
C. 124.643
D. 134.643

Question ID : **2055231074**
Status : **Answered**
Chosen Option : **4**

**Ans** 1. A
2. B
3. D
4. C

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.8** The standard deviation of the set {10, 10, 10, 10, 10} is

A. 0
B. 1
C. 5
D. 10

Question ID : **2055231099**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. C
✔ 2. A
✘ 3. B
✘ 4. D

**Q.9** Karan purchased one dozen pens for Rs. 120/- and sold a pack of 3 pens for Rs. 35/- each. What is his gain?

A. 16.67%
B. 20%
C. 15%
D. 33.33%

Question ID : **2055231087**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. A
✘ 2. C

✗ 3. B

✗ 4. D

**Q.10** If **Deplete** : **Exhaust** then **Replenish** : _____

A. Exhale
B. Inhale
C. Reuse
D. Restore

Question ID : **2055231109**
Status : **Answered**
Chosen Option : **4**

**Ans**

✗ 1. B

✗ 2. C

✗ 3. A

✓ 4. D

**Q.11** What is the noise level of normal conversation?

A. About 60 dB
B. About 70 dB
C. About 80 dB
D. About 90 dB

Question ID : **2055231052**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. C

✓ 2. A

✗ 3. B

✗ 4. D

**Q.12** Statements followed by some conclusions are given below.

**Statements:**

1. X is 7 meters tall, Y is half as high and Z is 3 times the height of X.
2. P is taller than Z but shorter than A and B.

**Conclusions:**

I. B is the tallest of all.
II. The average height of X, Y and Z is less than 10 meters.

Find which of the given conclusions logically follows from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Question ID : **2055231121**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. A

✓ 2. D

✗ 3. B

✗ 4. C

**Q.13** G is twice as fast as S in doing work. If G can do a work in 30 days less than S, how many days will they take to complete the work together?

A. 25
B. 20
C. 22
D. 15

Question ID : **2055231081**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. D

✓ 2. B

✗ 3. A

✗ 4. C

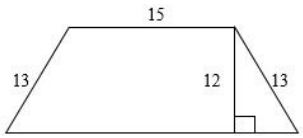
**Q.14** What is the ratio of simple interest earned on certain amount at the rate of 12% p. a. for 9 years and that for 12 years?

A. 1:2
B. 2:3
C. 3:4
D. 4:5

Question ID : **2055231085**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

**Q.15**




Question ID : **2055231095**
Status : **Answered**
Chosen Option : **1**

What is the area of this trapezoidal garden? (All measurements are in cm)

A. 60 sq. cm
B. 180 sq. cm
C. 210 sq. cm
D. 240 sq. cm

**Ans**
✓ 1. D
✗ 2. C
✗ 3. A
✗ 4. B

**Q.16** Select the alternative that shows a similar relationship as the given pair –
**Mandatory : Compulsory**

Question ID : **2055231110**
Status : **Answered**
Chosen Option : **2**

A. Philosophy : Idealism
B. Thesis : Proposition
C. Generosity : Narrow-mindedness
D. Hypothesis : Supposition

**Ans** 1. B
2. A
3. C
4. D

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.17** For how many months is a cheque valid from the date of issue?

Question ID : **2055231033**
Status : **Answered**
Chosen Option : **4**

A. 1 month
B. 2 months
C. 3 months
D. 6 months

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.18**

Question ID : **2055231044**
Status : **Answered**
Chosen Option : **2**

'Ganga Action Plan' initiated by the Union Government aims at

A. Streamlining the flow of Ganga river.
B. Reduction of pollution on Ganga river.
C. Efficient use of Ganga water for irrigation.
D. Using Ganga river for generating hydel energy.

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

**Q.19** Find the range and mode of the data 17, 18, 28, 19, 16, 18, 17, 29, 18

Question ID : **2055231100**
Status : **Answered**
Chosen Option : **2**

A. 12 and 18
B. 13 and 18
C. 12 and 17
D. 11 and 17

**Ans**
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

**Q.20** The percentage of nitrogen in the air is about

Question ID : **2055231055**
Status : **Answered**
Chosen Option : **3**

A. 74%
B. 76%
C. 78%
D. 80%

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

**Q.21** K purchased a table for Rs. 11,000 and sold it for Rs. 13,500. What is his gain in percentage?

Question ID : **2055231089**
Status : **Answered**
Chosen Option : **1**

A. 19.8%
B. 20.6%
C. 22.7%
D. 22%

**Ans**
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Q.22** Shimla Agreement 1972 between India & Pakistan was signed in

Question ID : **2055231036**
Status : **Answered**
Chosen Option : **3**

A. Barne's Court
B. Ellerslie Building
C. Viceregal Lodge
D. Gorton Castle

**Ans**
✗ 1. C

✔ 2. A

✘ 3. B

✘ 4. D

**Q.23** The value of $(\sin\theta + \cos\theta)^2 =$

A. $1 + \sin^2\theta$
B. $\sin^2\theta + \cos^2\theta$
C. $1 + 2\cos\theta\sin\theta$
D. $\cos^2\theta + 1$

Question ID : **2055231096**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D

✘ 2. A

✘ 3. B

✔ 4. C

**Q.24** The instrument used to regulate temperature to a particular degree is called

A. Thermostat
B. Thermometer
C. Pyrometer
D. Thermocouple

Question ID : **2055231070**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D

✘ 2. B

✔ 3. A

✘ 4. C

**Q.25** Pressure is measured in terms of

A. Mass & Density
B. Work done
C. Force and Area
D. Force and Distance

Question ID : **2055231053**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D

✘ 2. A

✔ 3. C

✘ 4. B

**Q.26** How many times does the number 3 occur in unit's place for numbers ranging from 1 to 100?

A. 20
B. 11
C. 10
D. 19

Question ID : **2055231071**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B

✘ 2. D

✘ 3. A

✔ 4. C

**Q.27**

Question ID : **2055231057**
Status : **Answered**

Between small and large human intestine which one is longer?

Chosen Option : **1**

A. Small intestine
B. Large intestine
C. Both are equal in length
D. Depends on male or female

**Ans**
✔ 1. A
✘ 2. D
✘ 3. C
✘ 4. B

**Q.28** To conduct detailed study into disease causing organism in livestock, Biosafety Laboratory has been setup in India at

Question ID : **2055231060**
Status : **Answered**
Chosen Option : **3**

A. Ludhiana
B. Bengaluru
C. Anand
D. Allahabad

**Ans**
✘ 1. D
✘ 2. A
✘ 3. C
✔ 4. B

**Q.29** A pole is taller than a Giraffe which is taller than a tree. A signal is shorter than a pole but taller than a building which is taller than a Giraffe. Who is the shortest?

Question ID : **2055231114**
Status : **Answered**
Chosen Option : **3**

A. Signal
B. Giraffe
C. Tree
D. Building

**Ans**
✘ 1. D
✘ 2. B
✔ 3. C
✘ 4. A

**Q.30** Find the missing (?) in the series

NA, PC, RE, TG, ?, XK, ZM

Question ID : **2055231105**
Status : **Answered**
Chosen Option : **4**

A. IV
B. VI
C. VII
D. VJ

**Ans**
✘ 1. D
✘ 2. C
✘ 3. A
✔ 4. B

**Q.31** Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

Question ID : **2055231122**
Status : **Answered**
Chosen Option : **1**

A. DNHA
B. EDAH
C. THEA
D. IRHA

**Ans**
✔ 1. C
✘ 2. A

✗ 3. B

✗ 4. D

**Q.32** Sunil has a son Karna and a sister Sangeeta who is the mother of Jagdish and Vijay. Harnish is Jagdish's maternal uncle. How is Harnish related to Karna?

A. Brother
B. Father
C. Nephew
D. Paternal Uncle

Question ID : **2055231113**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.33** International Maritime Organisation is concerned with

A. Air pollution.
B. Sea pollution.
C. Adulteration in food.
D. Deforestation.

Question ID : **2055231045**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.34** Find the G.C.F. & L.C.M. of 20 and 28.

A. 20,280
B. 5,280
C. 10,140
D. 4,140

Question ID : **2055231077**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

**Q.35** Astrosat is India's first

A. Reconnaissance satellite
B. Remote sensing satellite
C. Space observatory
D. Communication satellite

Question ID : **2055231068**
Status : **Answered**
Chosen Option : **3**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

**Q.36**

Question ID : **2055231083**
Status : **Answered**

Ali travels a distance of 300 m in 2 minutes and 30 seconds. What is his speed in kmph?

A. 6.9
B. 7.1
C. 7.2
D. 7.3

Chosen Option : **1**

**Ans**
✔ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

---

**Q.37** Four pairs of words are given. Find the odd one out.

A. Chalk : Slate
B. Pencil : Notebook
C. Pen : Ink
D. Sketch Pen : Drawing Book

Question ID : **2055231111**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✔ 4. C

---

**Q.38** The Gandhi-Irwin pact was signed in the year

A. 1930
B. 1931
C. 1932
D. 1933

Question ID : **2055231039**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✔ 2. B
✗ 3. C
✗ 4. D

---

**Q.39** Twice the difference between two numbers is equal to their sum. If one number is 15, find the other number.

A. 15
B. 10
C. 5
D. 20

Question ID : **2055231072**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✔ 3. C
✗ 4. D

---

**Q.40** The sum of three consecutive numbers is 126. Find the highest number.

A. 41
B. 42
C. 43
D. 44

Question ID : **2055231076**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B

3. A

4. C

**Q.41** Surya is 25 years older than his son. In 5 years, he will be twice as old as his son. What will be Surya's age after 3 years?

A. 20
B. 23
C. 45
D. 48

Question ID : **2055231091**
Status : **Answered**
Chosen Option : **1**

**Ans**
1. D
2. A
3. B
4. C

**Q.42** The name of the first bank established in India was

A. Bank of Hindustan
B. Reserve Bank of India
C. Imperial Bank
D. State Bank of India

Question ID : **2055231038**
Status : **Answered**
Chosen Option : **3**

**Ans**
1. B
2. C
3. A
4. D

**Q.43** If **M** = 14, **TANK** = 61, then **STARDOM** = _____

A. 79
B. 89
C. 99
D. 109

Question ID : **2055231102**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
1. D
2. C
3. B
4. A

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

**Q.44** What is the $4^{th}$ proportional of 3, 8, 12, ?

A. 36
B. 26
C. 32
D. 16

Question ID : **2055231080**
Status : **Answered**
Chosen Option : **2**

**Ans**
1. A
2. C
3. B
4. D

**Q.45**

Question ID : **2055231066**

Which of the following is a Space-Based Augmentation System?

A. INSAT
B. GAGAN
C. GSAT
D. SARAL

Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

---

**Q.46** An assertion (A) and a reason (R) are given below.

**Assertion (A)**: Forest cover in the country has gradually decreased.
**Reason (R)**: Encroachment by humans is one of the concerns for the forest department.

Choose the correct option.

A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true

Question ID : **2055231132**
Status : **Marked For Review**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. D
✓ 4. A

---

**Q.47** If the interior angle of a polygon is 108°, then it is a

A. Octagon
B. Hexagon
C. Pentagon
D. Tetragon

Question ID : **2055231094**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

---

**Q.48** Rupee sign '₹' is a

A. Devanagari letter
B. Roman letter
C. Sanskrit Script
D. A combination of Roman & Devanagari letters

Question ID : **2055231031**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

---

**Q.49**

Question ID : **2055231034**
Status : **Answered**
Chosen Option : **2**

Which of the following does not belong to the group?

A. Lakshadweep
B. Puducherry
C. Nicobar
D. Andaman

Ans
1. C ✗
2. B ✓
3. D ✗
4. A ✗

**Q.50** The headquarters of ISRO is located at

Question ID : **2055231067**
Status : **Answered**
Chosen Option : **1**

A. Bengaluru
B. New Delhi
C. Pune
D. Mumbai

Ans
1. A ✓
2. C ✗
3. B ✗
4. D ✗

**Q.51** Which of the following will appear third, if they are arranged according to a dictionary?

Question ID : **2055231120**
Status : **Answered**
Chosen Option : **2**

A. Autumn
B. Austere
C. Assert
D. Auspicious

Ans
1. C ✗
2. B ✓
3. D ✗
4. A ✗

**Q.52** If $\sin\theta = 1/\sqrt{2}$ then $(\tan\theta + \cos\theta) =$

Question ID : **2055231097**
Status : **Answered**
Chosen Option : **2**

A. $1/\sqrt{2}$
B. $2/\sqrt{2}$
C. $3/\sqrt{2}$
D. $(1+\sqrt{2})/\sqrt{2}$

Ans
1. B ✗
2. D ✓
3. A ✗
4. C ✗

**Q.53**

Question ID : **2055231098**
Status : **Answered**
Chosen Option : **3**

The mean and median of 7, 5, 5, 2, 7, 6, 5, 3, 7, 6

A. 5.3 and 5
B. 5 and 6
C. 5 and 5.5
D. 5.3 and 5.5

**Ans**
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

**Q.54** Find the similarity in the following:
**Olive Oil, Coconut Oil, Cod liver Oil, Sunflower Oil**

Question ID : **2055231112**
Status : **Answered**
Chosen Option : **1**

A. All of them are vegetable oils.
B. All of them are rich in Vitamin A.
C. All of them are rich in Vitamin D.
D. All of them are oils.

**Ans**
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.55** Human nails are made of

Question ID : **2055231056**
Status : **Answered**
Chosen Option : **2**

A. Pigment
B. Elastin
C. Albumin
D. Keratin

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

**Q.56** Eastern boundary of Kashmir is

Question ID : **2055231035**
Status : **Marked For Review**
Chosen Option : **1**

A. LOC
B. Jammu
C. POK
D. Ladakh region

**Ans**
✗ 1. B
✗ 2. C
✗ 3. A
✓ 4. D

**Q.57**

The medicine paracetamol is

A. An analgesic
B. An antipyretic
C. An analgesic and antipyretic
D. A nonsteroidal anti-inflammatory drug

Question ID : **2055231062**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.58** Sachin Tendulkar made his test debut in 1989 at

A. Karachi, Pakistan
B. Mumbai, India
C. Kolkata, India
D. Melbourne, Australia

Question ID : **2055231048**
Status : **Marked For Review**
Chosen Option : **1**

**Ans**
✗ 1. B
✗ 2. D
✗ 3. C
✓ 4. A

**Q.59** Which key on a windows keyboard sets to full screen mode in most browsers?

A. F1
B. F10
C. F11
D. F12

Question ID : **2055231065**
Status : **Marked For Review**
Chosen Option : **2**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. A
✓ 4. C

**Q.60** The test for diagnosing HIV is

A. Pap Smear
B. ELISA
C. DNA
D. Mantoux

Question ID : **2055231069**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

**Q.61** B has 32 pens, 24 pencils and 16 erasers. How many sets of these three items can B make without any left over?

A. 6
B. 7
C. 8
D. 9

Question ID : **2055231078**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.62** Air Quality Index is

A. A measuring instrument of air pollution.
B. A number.
C. For measuring humidity level.
D. For forecasting rain.

Question ID : **2055231061**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

**Q.63** Who served as the first Deputy Prime Minister of independent India?

A. K. Kamaraj
B. Morarji Desai
C. Sardar Vallabhbhai Patel
D. C. Rajagopalachari

Question ID : **2055231037**
Status : **Answered**
Chosen Option : **1**

**Ans**
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

**Q.64** Gopal covers 100 km. He travels at a speed of 60 kmph for the first 40 km and the rest of the distance at 60 kmph. What is his average speed in kmph?

A. 44.20
B. 45.20
C. 46.20
D. 47.20

Question ID : **2055231084**
Status : **Answered**
Chosen Option : **4**

**Ans** 1. B
2. D
3. A
4. C

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.65** Secularism means

A. Not practicing any religion.
B. Practicing multiple religions.
C. Freedom to join any satsang.
D. Freedom of religion and worship.

Question ID : **2055231047**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

**Q.66** A farmer purchased a piece of land for Rs. 18 lakh and spent Rs. 3 lakh for registration, fencing etc. He sold it for Rs. 24.57 lakh. Find his profit in percentage?

A. 15%
B. 14.15%
C. 16.5%
D. 17%

Question ID : **2055231088**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. A
✘ 4. C

**Q.67** National Science Day falls on

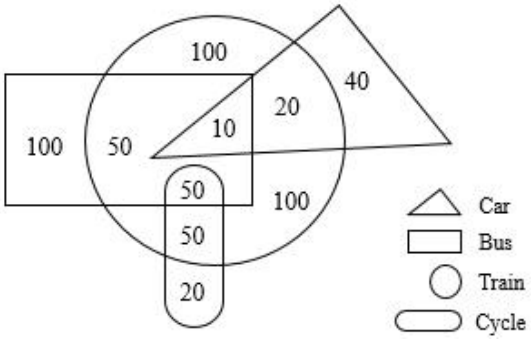
A. 26th February
B. 27th February
C. 28th February
D. 29th February

Question ID : **2055231059**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. D
✔ 3. C
✘ 4. A

**Comprehension:**

Study the following diagram and answer questions based on it.




**SubQuestion No : 68**

**Q.68** The ratio of total number of train travelers to the people who do not travel by train is

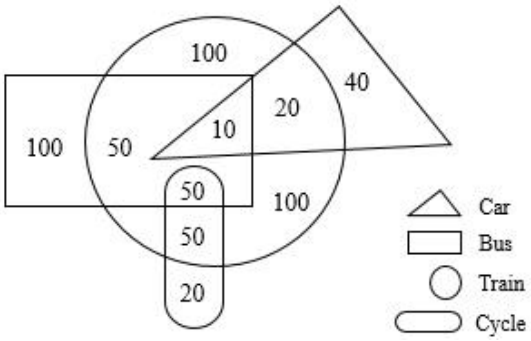
A. 27/16
B. 28/16
C. 37/16
D. 38/16

Question ID : **2055231126**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. B
✔ 2. D
✘ 3. C
✘ 4. A

**Comprehension:**

Study the following diagram and answer questions based on it.




**SubQuestion No : 69**

**Q.69** How many people who travel by train also travel by car or bus but not cycle?

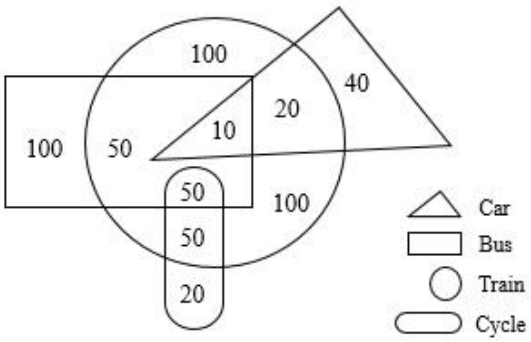
A. 50
B. 70
C. 80
D. 100

Question ID : **2055231124**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

**Comprehension:**

Study the following diagram and answer questions based on it.




**SubQuestion No : 70**

**Q.70** Which two modes of transport used by people are mutually exclusive?

A. Car – Bus
B. Car – Cycle
C. Bus – Cycle
D. Cannot be determined

Question ID : **2055231125**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. D
✘ 2. C
✘ 3. A
✔ 4. B

**Q.71**

Question ID : **2055231106**
Status : **Answered**
Chosen Option : **1**

Find the missing (?) in the series

14, 28, 42, 56, ?, 84, 98

A. 68
B. 70
C. 72
D. 74

**Ans**
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

**Q.72** After 9/11 tragedy, the rebuilt World Trade Center complex in New York is called

A. New World Trade Center
B. Empire State Building
C. One World Trade Center
D. World Trade Complex

Question ID : **2055231051**
Status : **Marked For Review**
Chosen Option : **3**

**Ans**
✔ 1. C
✘ 2. B
✘ 3. A
✘ 4. D

**Q.73** The famous Nek Chand's Rock Garden is located in

A. Srinagar
B. Jammu
C. Chandigarh
D. Shimla

Question ID : **2055231050**
Status : **Marked For Review**
Chosen Option : **4**

**Ans**
✘ 1. D
✔ 2. C
✘ 3. B
✘ 4. A

**Q.74** Expand: $(w-9)^2$

A. $(w^2-9w+81)$
B. $(w^2-9w+18)$
C. $(w^2-18w+81)$
D. $(w^2-18w-81)$

Question ID : **2055231092**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. B
✘ 2. A
✔ 3. C
✘ 4. D

**Q.75**

Question ID : **2055231086**
Status : **Answered**

On a certain principal, simple interest amounts to Rs. 1,000 in 1 year at the rate of 10% p.a. What will be the effective rate of interest if the same is compounded on half yearly basis?

A. 10.10
B. 10.15
C. 10.20
D. 10.25

Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. A
✘ 3. C
✘ 4. B

**Q.76** In a certain code language if **41095** is **READY** and **840327** is **FRAILS** then **83145 419** is

A. FEARY RED
B. FIERY RED
C. FAIRY RED
D. FIREY RED

Question ID : **2055231101**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. C
✘ 2. A
✘ 3. D
✔ 4. B

**Q.77** Which one of the following does not belong to the group?

A. Monitor
B. Keyboard
C. Webcam
D. Mouse

Question ID : **2055231064**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. C
✔ 3. A
✘ 4. B

**Q.78** If **RATIONAL** is **CLETZYLW** then **EXPERIENCE** is

A. OIZOCTOYMO
B. QJBDUQZOQ
C. OHZBSOXMO
D. PIAPCTPYNP

Question ID : **2055231103**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

**Q.79** 1$ = Rs. 67.89. Money changer adds a margin of Rs. 1.11. What will be the cost of $150?

A. Rs. 10,183
B. Rs. 10,350
C. Rs. 10,330
D. Rs. 10,450

Question ID : **2055231073**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. A
✘ 2. D
✔ 3. B
✘ 4. C

**Q.80** If the area of a circle is 9π sq. cm then its circumference is

A. 9 cm
B. 6π cm
C. 3π cm
D. 6 cm

Question ID : **2055231093**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.81** 'Maharatna' refers to a group of

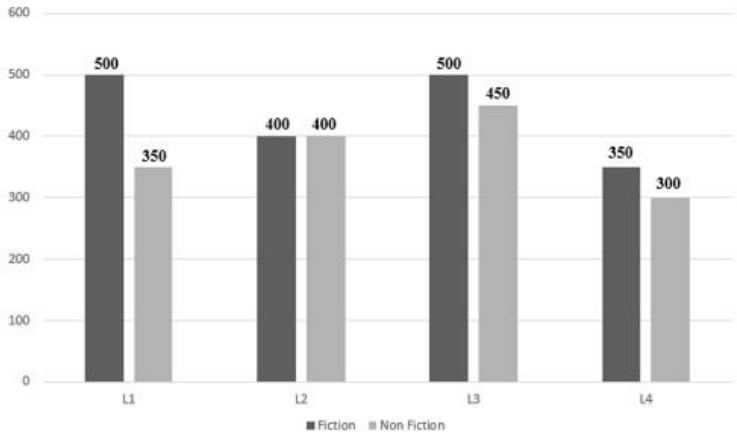
A. Emerging small and medium enterprises.
B. Central public sector enterprises.
C. Leading private sector enterprises.
D. Leading multi-national companies.

Question ID : **2055231032**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

**Comprehension:**

The bar chart represents number of fiction and non-fiction books in four libraries L1, L2, L3 and L4. Consider the bar chart and answer questions based on it.




**SubQuestion No : 82**

**Q.82** What is the percentage difference of total number of Fiction books in libraries L3 and L4 to the Non Fiction books in L3 and L4?

A. 13.34%
B. 11.76%
C. 6.67%
D. It is the same

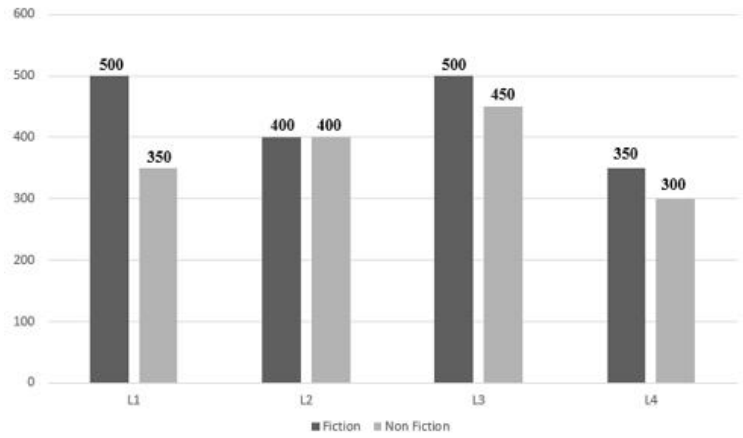
Question ID : **2055231129**
Status : **Answered**
Chosen Option : **3**

**Ans** 1. B
2. C
3. A
4. D

Note: For this question, discrepancy is found in question/answer. So, Thi s question is ignored for all candidates.

**Comprehension:**

The bar chart represents number of fiction and non-fiction books in four libraries L1, L2, L3 and L4. Consider the bar chart and answer questions based on it.




**SubQuestion No : 83**

**Q.83** The ratio of total books of libraries L1 and L3 to L2 and L4 is

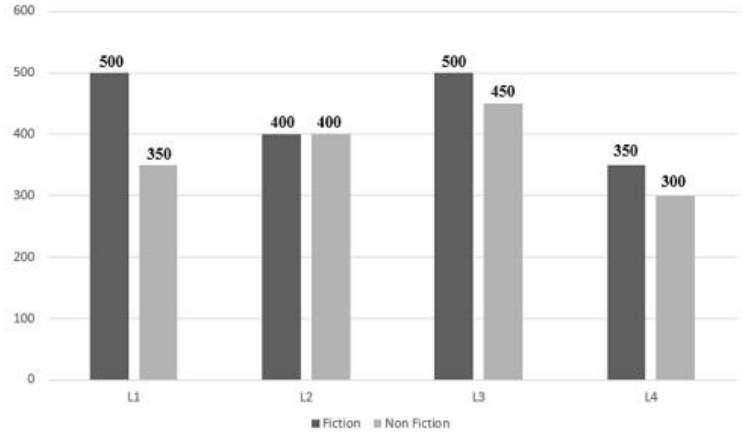
A. 29/36
B. 33/32
C. 36/29
D. 32/33

Question ID : **2055231128**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. D
✗ 4. A

**Comprehension:**

The bar chart represents number of fiction and non-fiction books in four libraries L1, L2, L3 and L4. Consider the bar chart and answer questions based on it.




**SubQuestion No : 84**

**Q.84** The ratio of total number of Non Fiction to Fiction books in all libraries is

A. 7/6
B. 6/7
C. 15/17
D. 17/15

Question ID : **2055231130**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D

✗ 4. C

**Q.85** Which of the following statements is true with respect to ASCII?

A. A programming language
B. ASCII chart is not for decimals
C. American security code for information interchange
D. A character encoding scheme

Question ID : **2055231063**
Status : **Marked For Review**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. A
✗ 4. C

**Q.86** The first Olympics games was held in

A. U. K.
B. U. S. A.
C. Greece
D. Italy

Question ID : **2055231042**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

**Q.87** A person carries Rs. 165/- in the form of currency notes of denominations Rs. 5, Rs. 10 & Rs. 20 in the ratio of 3:2:1. What is the value of currency notes of Rs. 20 denomination?

A. Rs. 60
B. Rs. 100
C. Rs. 40
D. Rs. 80

Question ID : **2055231079**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. B
✗ 3. C
✓ 4. A

**Q.88** Which of the following fractions is the highest of all?

A. 5/4
B. 4/3
C. 3/2
D. 6/5

Question ID : **2055231075**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

**Q.89**

Question ID : **2055231049**
Status : **Answered**
Chosen Option : **4**

Name the Indian who became the CEO of Google in 2015.

A. Satya Nadella
B. Cyrus Mistry
C. Sundar Pichai
D. Vishal Sikka

**Ans**
✗ 1. D
✗ 2. A
✗ 3. B
✓ 4. C

---

**Q.90** The periodicity of the Commonwealth games is

Question ID : **2055231043**
Status : **Answered**
Chosen Option : **4**

A. No fixed interval
B. 4 years
C. 5 years
D. 6 years

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

---

**Q.91** Cricket World Cup 2023 is scheduled to be hosted by

Question ID : **2055231041**
Status : **Not Attempted**
Chosen Option : **--**

A. India
B. Pakistan
C. Sri Lanka
D. West Indies

**Ans**
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

---

**Q.92** Which country launched its first commercial satellite on 24th November 2015 as a part of its National Space Program?

Question ID : **2055231058**
Status : **Marked For Review**
Chosen Option : **1**

A. Russia
B. India
C. Japan
D. China

**Ans**
✓ 1. C
✗ 2. D
✗ 3. A
✗ 4. B

---

**Q.93**

Question ID : **2055231046**
Status : **Answered**
Chosen Option : **2**

Which of the following is not a Union Territory?

A. Puducherry
B. Chandigarh
C. Lakshadweep
D. Sikkim

**Ans**
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

---

**Q.94** If '+' and '÷' ; '×' and '–' are interchanged in the equation: **17÷7–27+7×37**, then its value will be

A. 7
B. 17
C. 27
D. 37

Question ID : **2055231108**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

---

**Q.95** If the mathematical operator '+' means division, '–' means multiplication, '×' means subtraction and '÷' means addition, then the value of

**1 × 7 + 21 × 2 ÷ 2 + 3 – 4** is

A. 8/3
B. 4/3
C. -4/3
D. -8/3

Question ID : **2055231107**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

---

**Q.96** 10 people can do a work in 30 days. In how many days, can 15 people complete double the work?

A. 20
B. 25
C. 40
D. 45

Question ID : **2055231082**
Status : **Answered**
Chosen Option : **1**

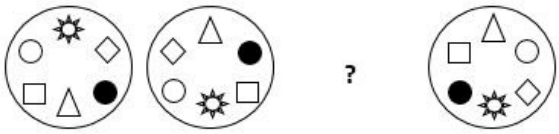
**Ans**
✓ 1. C
✗ 2. D
✗ 3. B
✗ 4. A

---

**Q.97**

Question ID : **2055231115**
Status : **Answered**
Chosen Option : **4**

Look carefully at the sequence of symbols to find the pattern.



Which of the following will replace the (?) in the sequence?

A.

B.

C.

D.

**Ans**
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

---

**Q.98** Statements followed by some conclusions are given below.

Question ID : **2055231131**
Status : **Marked For Review**
Chosen Option : **4**

**Statements:**
1. Most people have orange scooters while some have red ones.
2. People like bright coloured scooters.

**Conclusions:**
I. People cannot afford bright coloured cars.
II. Most people prefer orange over other bright colours.

Find which of the given conclusions logically follows from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

**Ans**
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

---

**Q.99**

Question ID : **2055231054**
Status : **Marked For Review**
Chosen Option : **1**

Which of the following is not a bleaching agent?

A. Sodium hypochlorite
B. Calcium hypochlorite
C. Hydrogen peroxide
D. Hydrogen sulphide

**Ans**
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

**Q.100** Which movement was called off following the violence at 'Chauri Chaura' incident?

A. Khilafat Movement
B. Quit India Movement
C. Non co-operation Movement
D. Home Rule Movement

Question ID : **2055231040**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. D
✘ 2. B
✔ 3. C
✘ 4. A

# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 31st March 2016 Shift 2

| | |
|---|---|
| Roll No: | 18327959110077 |
| Participants Name: | RAKOTHAMAN |
| Test Center Name: | iON Digital Zone iDZ, Sivathapuram |
| Test Date: | 31/03/2016 |
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

**1. Options shown in green color with a tick icon are correct**
**2. Chosen option on top right of the question indicates the option selected by the candidate**

**Q.1** Bommy is the daughter of Indu's brother. Indu has one sister, Chanda and one brother, Gopal. How is Bommy related to Gopal?

A. Sister
B. Father
C. Daughter
D. Niece

Question ID : **2055231216**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. C
✘ 2. D
✘ 3. B
✘ 4. A

**Q.2** Find the missing (?) in the series

NA, QD, ? ,WJ, ZM

A. SF
B. TG
C. UH
D. VI

Question ID : **2055231208**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. A
✘ 3. D
✘ 4. C

**Q.3** Three categories of employees get wages in the ratio of 1:2:3. If they get increments of 5%, 10% and 15% respectively, what will be the new ratio of their wages?

A. 21:44:69
B. 7:22:23
C. 7:44:23
D. 21:22:23

Question ID : **2055231183**
Status : **Answered**
Chosen Option : **3**

**Ans**
✘ 1. B
✘ 2. C
✔ 3. A
✘ 4. D

**Q.4** Hindustan Socialist Republican Association was founded by

A. Subhash Chandra Bose
B. Vinayak Damodar Savarkar
C. Jayaprakash Narayan
D. Bhagat Singh

Question ID : **2055231142**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A

✔ 2. D

✘ 3. B

✘ 4. C

**Q.5** Three freedom fighters including Bipin Chandra Pal were popularly known as Lal-Bal-Pal. Who were the other two?

A. Subhash Chandra Bose & Bal Gangadhar Tilak
B. Bal Gangadhar Tilak & Lala Lajpat Rai
C. Lala Lajpat Rai & Bhagat Singh
D. Ram Prasad Bismil & Bhikaiji Cama

Question ID : **2055231143**
Status : **Answered**
Chosen Option : **2**

**Ans**

✘ 1. A

✔ 2. B

✘ 3. D

✘ 4. C

**Q.6** The maximum number of columns in the new MS Excel worksheet is

A. $2^8$
B. $2^{10}$
C. $2^{12}$
D. $2^9$

Question ID : **2055231166**
Status : **Not Attempted**
Chosen Option : **--**

**Ans** 1. C

2. A

3. D

4. B

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.7** The area of a circle is 616 sq.m. Find its diameter. ($\pi$=22/7)

A. 7m
B. 14m
C. 28m
D. 56m

Question ID : **2055231198**
Status : **Answered**
Chosen Option : **2**

**Ans**

✘ 1. D

✔ 2. C

✘ 3. A

✘ 4. B

**Q.8** Find the median, mode and mean of 9, 5, 8, 9, 9, 7, 8, 9, 8.

A. 9, 9, 9
B. 9, 8, 9
C. 8, 9, 8
D. 8, 9, 9

Question ID : **2055231202**
Status : **Answered**
Chosen Option : **4**

**Ans**

✘ 1. D

✘ 2. A

✘ 3. B

✔ 4. C

**Q.9** Which one of the following cities, is included in the first list of 20 proposed smart cities under the 'Smart Cities Mission' released by the Union Government in January 2016?

A. Guwahati
B. Mumbai
C. Vadodara
D. Kolkata

Question ID : **2055231136**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✘ 1. B

✔ 2. A

✘ 3. D

✘ 4. C

**Q.10**

Question ID : **2055231172**

'Gallon' is commonly used

A. To refer to speed.
B. To refer to a container.
C. As a measure of volume.
D. To express containers in terms of barrel.

Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

---

**Q.11** Which one of the following countries does not have football as their national sport?

A. Ghana
B. Hungary
C. Argentina
D. Mauritius

Question ID : **2055231144**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

---

**Q.12** Kurukshetra, the famous battle field mentioned in Mahabharata was located near

A. Rawalpindi
B. Meerut
C. New Delhi
D. Ambala City

Question ID : **2055231154**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

---

**Q.13** How many millimeters make ten kilometers?

A. $10^{10}$
B. $10^{9}$
C. $10^{8}$
D. $10^{7}$

Question ID : **2055231175**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

---

**Q.14** The most active ingredient in bleaching powder is

A. Iodine
B. Calcium hypochlorite
C. Nitric acid
D. Ammonium sulphate

Question ID : **2055231158**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

---

**Q.15**

Question ID : **2055231182**
Status : **Answered**

The Central Government granted a certain sum towards flood relief to 3 states A, B, and C in the ratio 2:3:4. If C gets Rs. 400 Crores more than A, what is the share of B?

A. Rs. 400 crore
B. Rs. 200 crore
C. Rs. 600 crore
D. Rs. 300 crore

Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. D
✓ 3. C
✗ 4. B

**Q.16** Cricketer Virat Kohli was honoured with Arjuna Award in the year

A. 2011
B. 2012
C. 2013
D. 2014

Question ID : **2055231151**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. A
✗ 2. D
✗ 3. B
✓ 4. C

**Q.17** The instrument used to determine the rotation speed of a shaft is called

A. Speedometer
B. Tachometer
C. Anemometer
D. Chronometer

Question ID : **2055231162**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. C
✗ 3. A
✓ 4. B

**Q.18** Find the greatest length which can be used to measure exactly three cloth pieces of lengths 1.26 m, 1.98 m and 1.62 m respectively.

A. 12 cm
B. 14 cm
C. 16 cm
D. 18 cm

Question ID : **2055231181**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. D
✗ 2. B
✗ 3. C
✗ 4. A

**Q.19** Slave Dynasty was founded by

A. Qutbuddin Aibak
B. Mahmud Ghazni
C. Muhammad Ghori
D. Razia Sultana

Question ID : **2055231140**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

**Q.20** Exobiology refers to

A. Life in outer space.
B. Life of animals.
C. Life of plants.
D. Life of human beings on earth.

Question ID : **2055231169**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. A
✗ 2. B
✗ 3. D
✗ 4. C

**Q.21** A call center recruits candidates with the following criteria –

1. Candidates should have passed at least 10th standard.
2. Candidates must be fluent in English and Hindi.
3. Candidates must be ready to work in both day and night shifts.

Which candidate among the following will the call center definitely take?

A. Seeta is a graduate, fluent in Marathi, Hindi and English and can work only in day shift.
B. Sarita is fluent in English, Tamil and Hindi, can work in both shifts and has had no formal education.
C. Smita speaks English and Hindi very well, is ready for day as well as night shifts and has studied till 12th standard.
D. Savita can work in both shifts, has passed 10th standard with 65% and speaks fluent Hindi and Marathi.

Question ID : **2055231234**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

**Q.22** What will be the maturity value, if Rs. 13,500 is deposited at a simple rate of interest of 12.5% for two years?

A. Rs. 15,187.50
B. Rs. 16,875.00
C. Rs. 16,875.50
D. Rs. 16,785.00

Question ID : **2055231189**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. C
✔ 3. B
✗ 4. D

**Q.23** Study of earth is known as

A. Ecology
B. Biology
C. Ethology
D. Geology

Question ID : **2055231173**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. B
✔ 3. D
✗ 4. A

**Q.24** School W in a village, provides education from nursery to standard 4. In the same village, School B and school K provide education from standard 5 to 10. School F, which is in a nearby town, provides higher secondary education, that is, standard 11th and 12th only. The village has only three schools. Parents in the village have requested for more schools to the local panchayat.

Which conclusion follows the given statements?

A. Schools are less in the village because parents do not want their children to study.
B. Due to lack of teachers, village schools cannot compete with town schools.
C. For higher secondary education, children of the village have to travel to the nearby town.
D. Parents will send their kids to town, if school F provides primary education too.

Question ID : **2055231236**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✔ 2. C
✗ 3. A
✗ 4. D

**Q.25** The difference between the ages of mother and son was 21 when mother's age was 43. If father is elder by 3 years to mother, what will be the difference between the ages of son and father when father attains 50 years?

A. 21
B. 22
C. 23
D. 24

Question ID : **2055231174**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

**Q.26** A shop keeper purchased 15 kg of sugar and 20 kg of wheat at Rs. 50 and Rs. 75 per kg respectively. On selling them, he gained 10% on sugar and 20% on wheat. What was the total sale value?

A. Rs. 2,550
B. Rs. 2,625
C. Rs. 1,800
D. Rs. 1,575

Question ID : **2055231190**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.27** Select the alternative that shows a different relationship as the given pair -

**Crude : Raw**

A. Isolation : Separation
B. Distinguished : August
C. Assert : Hide
D. Stop : Conclude

Question ID : **2055231213**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

**Q.28** X can finish 25% of a work in a day. Y can do 12.5% of the same work in a day. In how many days, will both of them finish the work together?

A. 2.67 days
B. 2.33 days
C. 3.33 days
D. 3.67 days

Question ID : **2055231185**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

**Q.29** If $x + 2y = 27$ and $x - 2y = -1$, find the value of y.

A. 13
B. 14
C. 7
D. 26

Question ID : **2055231195**
Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

**Q.30** When did Bangladesh become an independent parliamentary democracy?

A. December, 1971
B. January, 1972
C. March, 1972
D. February, 1972

Question ID : **2055231139**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

**Q.31**

Question ID : **2055231179**
Status : **Answered**
Chosen Option : **2**

Find the smallest of the following decimals.

A. $0.2 \times 0.2 \times 0.2$
B. $0.02 / 3$
C. $0.01 / 2$
D. $0.1 \times 0.02 \times 2$

Ans
1. C
2. A
3. D
4. B

Q.32 Find the range of the data 2, 1, 2, 3, 5, 4, 7, 3, 5, 2, 4.

Question ID : **2055231201**
Status : **Answered**
Chosen Option : **4**

A. 5
B. 4
C. 3
D. 6

Ans
1. D
2. A
3. B
4. C

Q.33 A person with blood group AB

Question ID : **2055231164**
Status : **Answered**
Chosen Option : **3**

A. Can donate blood to persons with blood group A, B and O.
B. Is called universal blood donor.
C. Can receive blood from any group.
D. Is neither a universal recipient nor a donor.

Ans
1. B
2. D
3. C
4. A

Q.34 You purchased two pieces of cloth measuring 1.2 m and 1.3 m each at Rs. 330 and Rs. 270 per meter respectively and gave Rs. 1000 at the payment counter. How much cash will you get back?

Question ID : **2055231176**
Status : **Answered**
Chosen Option : **1**

A. Rs. 253
B. Rs. 604
C. Rs. 649
D. Rs. 235

Ans
1. A
2. D
3. B
4. C

Q.35 Which one of the following does not belong to the group?

Question ID : **2055231168**
Status : **Answered**
Chosen Option : **1**

A. Android
B. BADA
C. DOS
D. Symbian

Ans
1. C
2. D
3. A
4. B

Q.36

Question ID : **2055231163**
Status : **Answered**

Find the odd one out among the following.

Chosen Option : **1**

A. ECS
B. RTGS
C. NEFT
D. EMI

Ans
✔ 1. D
✘ 2. C
✘ 3. B
✘ 4. A

---

**Q.37** What is the difference between the maturity values, if Rs. 12,500 is invested for 2 years at 20% per annum simple interest and compound interest?

A. Rs. 750
B. Rs. 650
C. Rs. 550
D. Rs. 500

Question ID : **2055231188**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. C
✔ 2. D
✘ 3. A
✘ 4. B

---

**Q.38** Under the Indian Constitution, legislative powers are vested with the

A. President
B. Prime Minister
C. Union Council of Ministers
D. Parliament

Question ID : **2055231149**
Status : **Answered**
Chosen Option : **4**

Ans
✘ 1. C
✘ 2. A
✘ 3. B
✔ 4. D

---

**Q.39** When a person can see only nearby objects, the condition is called

A. Hypermetropia
B. Astigmatism
C. Myopia
D. Retinopathy

Question ID : **2055231159**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. D
✘ 2. A
✔ 3. C
✘ 4. B

---

**Q.40** The speed of car B is half the speed of car A. If car A covers a distance of 120 km in 1½ hours, what is the speed of car B?

A. 40 kmph
B. 60 kmph
C. 30 kmph
D. 50 kmph

Question ID : **2055231187**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. C
✘ 2. B
✔ 3. A
✘ 4. D

---

**Q.41** If **SWEET** is written as **XAHGU**, then **HORSE** is

A. MSUVF
B. MTVUF
C. MTVUD
D. MSUUF

Question ID : **2055231207**
Status : **Answered**
Chosen Option : **1**

Ans
1. D
2. A
3. C
4. B

**Comprehension:**

Five people P, Q, R, S and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician and doctor in random order. A person pursues only one profession and visits the office only one day in the week. Consider the following information and answer questions based on it.

1. The plumber visits office every Monday.
2. P is an electrician who comes neither on Tuesday nor Thursday.
3. T is a carpenter and R is not plumber.
4. The person who visits the office on Thursday is not a doctor.
5. S works on a Tuesday and T works on the following day.

**SubQuestion No : 42**

Q.42 Which is the right combination?

A. Monday – Electrician
B. Thursday – Cook
C. Tuesday – Carpenter
D. Friday – Doctor

Question ID : **2055231222**
Status : **Not Attempted**
Chosen Option : **--**

Ans
2. D
3. C
4. B

**Comprehension:**

Five people P, Q, R, S and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician and doctor in random order. A person pursues only one profession and visits the office only one day in the week. Consider the following information and answer questions based on it.

1. The plumber visits office every Monday.
2. P is an electrician who comes neither on Tuesday nor Thursday.
3. T is a carpenter and R is not plumber.
4. The person who visits the office on Thursday is not a doctor.
5. S works on a Tuesday and T works on the following day.

**SubQuestion No : 43**

Q.43 The doctor visits the office on

A. Fridays
B. Wednesdays
C. Thursdays
D. Tuesdays

Question ID : **2055231220**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. C
2. A
3. D
4. B

**Comprehension:**

Five people P, Q, R, S and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician and doctor in random order. A person pursues only one profession and visits the office only one day in the week. Consider the following information and answer questions based on it.

1. The plumber visits office every Monday.
2. P is an electrician who comes neither on Tuesday nor Thursday.
3. T is a carpenter and R is not plumber.
4. The person who visits the office on Thursday is not a doctor.
5. S works on a Tuesday and T works on the following day.

**SubQuestion No : 44**

**Q.44** Who is the plumber?

A. Q
B. S
C. R
D. T

Question ID : **2055231221**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✔ 1. A
✘ 2. C
✘ 3. B
✘ 4. D

---

**Q.45** An assertion (A) and a reason (R) are given below.

**Assertion (A)**: Mangoes are sweet when they are ripe.

**Reason (R)**: Mangoes are available mainly in summer in India.

Choose the correct option.

A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true

Question ID : **2055231235**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

---

**Q.46** Statements followed by some conclusions are given below.

**Statements:**

1. Sam sleeps more than Ram who sleeps only for 5 hours every day.
2. Shyam sleeps for 8 hours which is lesser than Sam's by 2.

**Conclusions:**

I. Sam sleeps for 6 hours.
II. Ram has a bad sleeping habit.

Find which of the given conclusions logically follows from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Question ID : **2055231223**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. A
✔ 2. D
✘ 3. C
✘ 4. B

---

**Q.47** What number, from the following, should be deducted from 1184 to make it exactly divisible by 21?

A. 15
B. 12
C. 8
D. 7

Question ID : **2055231177**
Status : **Answered**
Chosen Option : **2**

**Ans**
✘ 1. D
✔ 2. C
✘ 3. A

✗ 4. B

**Q.48** A rectangular playground ground of length 125m and width 75m, has a walking strip of width 3m in the middle of the ground, along the longer side. What is the area of the ground without the walking strip?

A. 9375 sq.m
B. 9000 sq.m
C. 9750 sq.m
D. 8625 sq.m

Question ID : **2055231197**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. D
✗ 3. A
✓ 4. B

**Q.49** Cultivation is difficult on red soil because

A. Its water holding capacity is less.
B. It is highly contaminated.
C. Biological components do not mix with it.
D. It is red in colour.

Question ID : **2055231138**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. A
✗ 4. B

**Q.50** The United Nations Development Programme (UNDP) focusses on

A. Solutions to global development challenges.
B. Developing nations.
C. Under-developed nations.
D. Developed nations.

Question ID : **2055231147**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. A
✗ 2. C
✗ 3. B
✗ 4. D

**Q.51** If **Sun** : **Star** then **Moon** : _____

A. Star
B. Planet
C. Comet
D. Satellite

Question ID : **2055231212**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. B
✗ 2. C
✓ 3. D
✗ 4. A

**Q.52** Find the missing number (?) in the series

1, 1, 4, 8, 9, ?,16, 64.....

A. 21
B. 23
C. 25
D. 27

Question ID : **2055231209**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. A
✗ 2. C
✗ 3. B

✔ 4. D

**Q.53** Find the HCF of 48, 92 and 140.

A. 8
B. 6
C. 4
D. 3

Question ID : **2055231180**
Status : **Answered**
Chosen Option : **4**

**Ans**
✘ 1. B
✘ 2. A
✘ 3. D
✔ 4. C

**Q.54** If mathematical operators '–' and '÷' are interchanged, then the value of $15 \times 4 + 15 - 11 \times 33 \div 98$ is

A. 6
B. 7
C. 8
D. 9

Question ID : **2055231211**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. D
✘ 4. A

**Q.55** The standard deviation of the set {10, 11, 12, 9, 8} is

A. 1
B. $\sqrt{2}$
C. 2
D. $2\sqrt{2}$

Question ID : **2055231203**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. A
✘ 2. C
✘ 3. D
✔ 4. B

**Q.56** Looking at a lady, Joey said, "She is the mother of my mother's mother-in-law's husband". How is the lady related to Joey's father?

A. Mother
B. Aunt
C. Mother-in-law
D. Grandmother

Question ID : **2055231217**
Status : **Answered**
Chosen Option : **1**

**Ans**
✔ 1. D
✘ 2. B
✘ 3. C
✘ 4. A

**Q.57** One Gigabyte =? (in decimal value)

A. 1000 bytes
B. $1000^2$ bytes
C. $1000^3$ bytes
D. $1000^4$ bytes

Question ID : **2055231167**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✘ 1. B
✘ 2. A
✔ 3. C
✘ 4. D

Q.58 The annual award of 'Gandhi Peace Prize' is given to

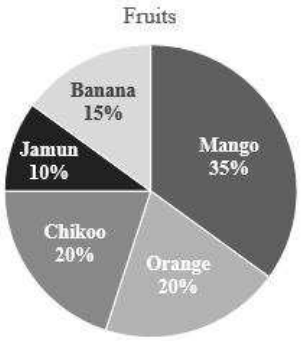
A. Individuals only
B. Institutions only
C. Individuals and institutions
D. Group of institutions

Question ID : **2055231134**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

**Comprehension:**

The following pie chart shows fruit tree distribution in a farm land. Consider the chart and answer questions based on it.




**SubQuestion No : 59**

Q.59 The sector angle corresponding to the Banana is

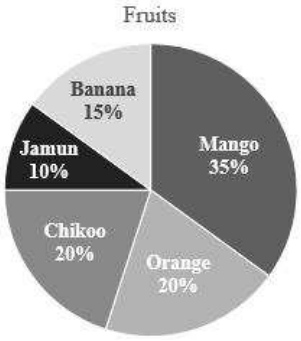
A. 90°
B. 54°
C. 72°
D. 36°

Question ID : **2055231233**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

**Comprehension:**

The following pie chart shows fruit tree distribution in a farm land. Consider the chart and answer questions based on it.




**SubQuestion No : 60**

Q.60 What is the ratio of Chikoo and Mango trees to that of Jamun, Orange and Banana trees in the farm land?

A. 1
B. 1:3
C. 11:9
D. 3:1

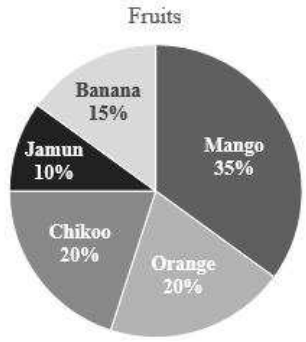
Question ID : **2055231231**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. C
✗ 3. B

✗ 4. D

**Comprehension:**

The following pie chart shows fruit tree distribution in a farm land. Consider the chart and answer questions based on it.




**SubQuestion No : 61**

**Q.61** If there are in all 960 trees, then how many of them are Mango trees?

A. 192
B. 288
C. 384
D. 336

Question ID : **2055231232**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. C
✗ 2. B
✗ 3. A
✓ 4. D

**Q.62** The concept of Triratna belonged to

A. Sikhism
B. Jainism
C. Buddhism
D. Zoroastrianism

Question ID : **2055231141**
Status : **Answered**
Chosen Option : **2**

**Ans** 1. A
2. B
3. C
4. D

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

**Q.63** What is meant by space tourism?

A. Scientific space exploration.
B. Space travel for leisure.
C. Touring the world only by flight.
D. Reaching out to Mars.

Question ID : **2055231170**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. D
✗ 2. A
✗ 3. C
✓ 4. B

**Q.64** Which country among the following is the smallest in terms of area?

A. Brazil
B. India
C. Canada
D. Russia

Question ID : **2055231153**
Status : **Answered**
Chosen Option : **4**

**Ans**
✓ 1. B
✗ 2. D

✗ 3. C

✗ 4. A

**Q.65** Why does a piece of cloth, which appears green in sunlight, appear black when it is viewed under red light?

A. The cloth completely absorbs red colour wavelength.
B. It is due to refraction.
C. It is the effect of scattering of light.
D. It is due to parallax error.

Question ID : **2055231155**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**

✗ 1. D

✗ 2. B

✓ 3. A

✗ 4. C

**Q.66** A is D's brother. D is the son of Mrs. C. B is Mrs. C's father. How is A related to B?

A. Grandson
B. Brother
C. Son
D. Grandfather

Question ID : **2055231218**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. B

✗ 2. D

✓ 3. A

✗ 4. C

**Q.67** If S means '+', L means '×', U means '÷' and K means '–', then the value of

**21 S 1 U 7 L 15 U 6 L 14 K 55** is

A. -50
B. 26
C. -29
D. 29

Question ID : **2055231210**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. D

✗ 2. A

✓ 3. C

✗ 4. B

**Q.68** In a certain coding language, 'Ginger is a root' is written as 4123, 'A tree has a root' is 75422 and 'Tree is green' is 385. Which digit represents 'root'?

A. 4
B. 5
C. 3
D. 2

Question ID : **2055231204**
Status : **Answered**
Chosen Option : **3**

**Ans**

✗ 1. B

✗ 2. D

✓ 3. A

✗ 4. C

**Q.69** Hirakud reservoir is built across the river

A. Sutlej
B. Godavari
C. Mahanadi
D. Narmada

Question ID : **2055231137**
Status : **Answered**
Chosen Option : **2**

**Ans**

✗ 1. B

✓ 2. C

✗ 3. D

✗ 4. A

**Q.70** Which of the following authority is elected on the basis of proportional representation in India?

A. Prime Minister
B. President
C. Governor
D. Lok Sabha Speaker

Question ID : **2055231150**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. D
2. C
3. A
4. B

**Q.71** How many players, on each side, are required for the game of volleyball?

A. 6
B. 8
C. 5
D. 7

Question ID : **2055231146**
Status : **Answered**
Chosen Option : **4**

Ans
1. C
2. B
3. D
4. A

**Q.72** A man traveled at 40 kmph. Had he increased his speed by 16 kmph, he would have covered 80 km more in the same time. Find the actual distance travelled?

A. 40 km
B. 20 km
C. 30 km
D. 48 km

Question ID : **2055231186**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. D
2. B
3. C
4. A

**Q.73** AC is converted into DC by a

A. Condenser
B. Rectifier
C. Amplifier
D. Filter

Question ID : **2055231156**
Status : **Answered**
Chosen Option : **1**

Ans
1. C
2. B
3. D
4. A

**Q.74** Which one among the following does not belong to the group?

A. Maestro
B. Visa
C. Master
D. Credit Card

Question ID : **2055231161**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. C
3. A
4. D

**Q.75** Statements followed by some conclusions are given below.

**Statements:**

1. Smoking is injurious to health and one of the causes of cancer.
2. Government has prohibited smoking in public places.

**Conclusions:**

I. Smoking causes cancer.
II. Sale of cigarette should be banned.

Find which of the given conclusions logically follows from the given statements.

A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.

Question ID : **2055231224**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. D
✓ 2. A
✗ 3. C
✗ 4. B

Q.76 In which quadrant, will the point (4, -2) be located?

A. I
B. II
C. III
D. IV

Question ID : **2055231196**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

Q.77 If **SELFIE** = **LXEYBX**, then **PHYSICS** = _____

A. IARLBVL
B. IARLBJL
C. IARBLJL
D. IARBLVL

Question ID : **2055231206**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. D
✗ 2. B
✓ 3. A
✗ 4. C

Q.78 Four pairs of words are given. Find the odd one out.

A. Horse : Calf
B. Deer : Fawn
C. Fish : Fry
D. Goat : Kid

Question ID : **2055231214**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Q.79 Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

A. OENS
B. KWLA
C. ALIN
D. EDAH

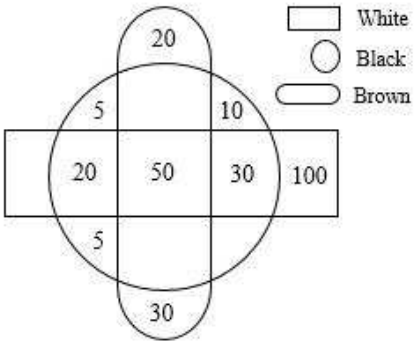
Question ID : **2055231225**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

**Comprehension:**

Study the following diagram and answer questions based on it.

The colour preferences of children are given.




**SubQuestion No : 80**

Q.80 How many children like both brown and white but not black?

Question ID : **2055231228**
Status : **Answered**
Chosen Option : **1**

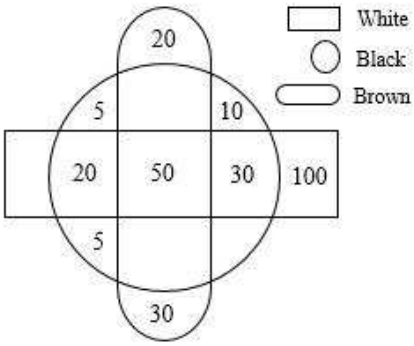
A. 10
B. 20
C. 50
D. None

Ans
✔ 1. D
✘ 2. C
✘ 3. A
✘ 4. B

**Comprehension:**

Study the following diagram and answer questions based on it.

The colour preferences of children are given.




**SubQuestion No : 81**

Q.81 The ratio of children who like brown to those who like black is

Question ID : **2055231227**
Status : **Answered**
Chosen Option : **1**

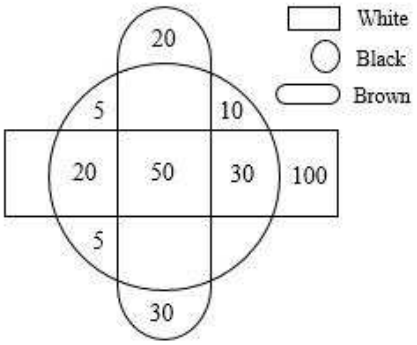
A. 5/3
B. 1/2
C. 1
D. 5/6

Ans
✔ 1. D
✘ 2. C
✘ 3. B
✘ 4. A

**Comprehension:**

Study the following diagram and answer questions based on it.

The colour preferences of children are given.




**SubQuestion No : 82**

**Q.82** The ratio of kids who do not like black to those who like only black and white are

A. 3:1
B. 3:2
C. 12:5
D. 5:12

Question ID : **2055231229**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

**Q.83** 'Grand Slam' refers to winning certain major tennis tournaments in a single calendar year. The name of the tournaments are

A. Australian Open, French Open and US Open
B. Australian Open, French Open, US Open and Wimbledon
C. French Open, US Open and Wimbledon
D. French Open, US Open, Wimbledon and Olympic

Question ID : **2055231145**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. D
✗ 2. C
✓ 3. B
✗ 4. A

**Q.84** Find the value of $x^3 (x^3 - x^2 - x)$, when $x = 4$.

A. 2816
B. 3328
C. 2516
D. 3332

Question ID : **2055231193**
Status : **Answered**
Chosen Option : **2**

**Ans**
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

**Q.85** With effect from 1st April 2010, banks have been allowing interest on saving account balance on

A. Annual basis
B. Half yearly basis
C. Quarterly basis
D. Daily basis

Question ID : **2055231135**
Status : **Answered**
Chosen Option : **3**

**Ans**
✗ 1. A
✗ 2. C
✓ 3. D
✗ 4. B

**Q.86**

Question ID : **2055231178**

$97 \times 97 = ?$

A. 9391
B. 9409
C. 9049
D. 9309

Status : **Answered**
Chosen Option : **2**

**Ans**
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

---

**Q.87** Which of the following statement is true?

A. Global warming and climate change are two different issues.
B. Global warming will reduce the annual build-up of glacier ice.
C. Global warming may cause sea levels to go down.
D. Global warming may cause contraction of deserts.

Question ID : **2055231148**
Status : **Answered**
Chosen Option : **1**

**Ans**
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

---

**Q.88** Which of the following books was NOT written by Dr. A. P. J. Abdul Kalam?

A. The Scientific Indian
B. Envisioning an Empowered Nation
C. My Country, My Life
D. Ignited Minds

Question ID : **2055231152**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✓ 1. C
✗ 2. A
✗ 3. D
✗ 4. B

---

**Q.89** The value of cos (1110°) is

A. $\sqrt{3}/2$
B. 1/2
C. $1/\sqrt{2}$
D. 1

Question ID : **2055231200**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**
✗ 1. C
✗ 2. D
✓ 3. B
✗ 4. A

---

**Q.90** If $\sin\theta = 2/3$, find the value of $\sec\theta$ and $\cot\theta$.

A. $\sqrt{5}/2, 2/\sqrt{5}$
B. $2/\sqrt{5}, 3/5$
C. $3\sqrt{5}/5, \sqrt{5}/2$
D. $3/5, 3\sqrt{5}/5$

Question ID : **2055231199**
Status : **Answered**
Chosen Option : **4**

**Ans**
✗ 1. B
✗ 2. A
✗ 3. D
✓ 4. C

---

**Q.91**

ZIKA virus which damages the brain of the foetus is

A. Mosquito borne
B. Water borne
C. Air borne
D. Food borne

Question ID : **2055231160**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

---

**Q.92** Simplify: $(x^5 \div x^4)^3 \div x$

A. $x^3$
B. $x^2$
C. x
D. $x^{-1}$

Question ID : **2055231194**
Status : **Answered**
Chosen Option : **3**

Ans
✘ 1. D
✘ 2. A
✔ 3. B
✘ 4. C

---

**Q.93** An article was sold for Rs. 2,400 at a discount of 20%. Find the selling price, if the discount was 25%.

A. Rs. 2,250
B. Rs. 2,000
C. Rs. 1,800
D. Rs. 2,150

Question ID : **2055231191**
Status : **Answered**
Chosen Option : **2**

Ans
✘ 1. C
✔ 2. A
✘ 3. D
✘ 4. B

---

**Q.94** In a certain code, **134** is **AGE** and **92706** is **INERT**. What is **016923**?

A. EATING
B. RANGER
C. RATING
D. GINGER

Question ID : **2055231205**
Status : **Answered**
Chosen Option : **1**

Ans
✔ 1. C
✘ 2. B
✘ 3. D
✘ 4. A

---

**Q.95** The name of the space shuttle, which carried the Indian born Kalpana Chawla into space was

A. Columbia
B. Challenger
C. Atlantis
D. Endeavour

Question ID : **2055231171**
Status : **Answered**
Chosen Option : **4**

Ans
✘ 1. C
✘ 2. D
✘ 3. B
✔ 4. A

---

**Q.96**

Question ID : **2055231215**
Status : **Answered**
Chosen Option : **2**

Find the similarity in the following:

**Carbon, Silicon, Boron, Arsenic**

A. All of them are gases.
B. All of them are non-metals.
C. All of them are metals.
D. No similarity.

Ans
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

---

**Q.97** A tank can be filled in 30 minutes. There is a leakage which can empty the tank in 90 minutes. Therefore, the tank will be filled in

A. 60 minutes
B. 45 minutes
C. 55 minutes
D. 50 minutes

Question ID : **2055231184**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

---

**Q.98** Prostate in human body is a

A. Connective tissue
B. Gland
C. Membrane
D. Muscle

Question ID : **2055231165**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

---

**Q.99** A product was sold for Rs. 4,500 at a profit of 12.5%. What was the amount of profit?

A. Rs. 125
B. Rs. 250
C. Rs. 500
D. Rs. 300

Question ID : **2055231192**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

---

**Q.100** Find the odd one out.

A. NaCl
B. $Na_2CO_3$
C. $H_2O$
D. He

Question ID : **2055231157**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. D
✗ 3. B
✗ 4. C