



RRB GROUP - D **SHIFT – 2 (13-09-2022)**

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रेल भरती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



Test Date	13/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

**\* Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1

In which country were the 22<sup>nd</sup> Commonwealth Games held?

- Ans
- 1. Australia
  - 2. Canada
  - 3. India
  - 4. England

Question ID : 7518977142  
Option 1 ID : 75189728567  
Option 2 ID : 75189728568  
Option 3 ID : 75189728565  
Option 4 ID : 75189728566  
Status : **Marked For Review**  
Chosen Option : 4

Q.2 Bhima River, which is a major tributary of the Krishna River, flows through:

- Ans
- 1. Rajasthan and Haryana
  - 2. Maharashtra and Karnataka
  - 3. Tamil Nadu and Karnataka
  - 4. Goa and Karnataka

Question ID : 75189710593  
Option 1 ID : 75189742370  
Option 2 ID : 75189742369  
Option 3 ID : 75189742372  
Option 4 ID : 75189742371  
Status : **Marked For Review**  
Chosen Option : 2

**Q.3** The length of each of the two equal sides of an isosceles triangle is 5 cm each and the length of its base is 8 cm. The area (in  $\text{cm}^2$ ) of the triangle is:

- Ans**
- 1. 18
  - 2. 15
  - 3. 9
  - 4. 12

Question ID : 75189710016  
Option 1 ID : 75189740064  
Option 2 ID : 75189740063  
Option 3 ID : 75189740061  
Option 4 ID : 75189740062  
Status : Answered  
Chosen Option : 4

**Q.4** The simple interest on a principal amount is ₹192 for a period of 2 years at the rate of 8% per annum. The principal amount is:

- Ans**
- 1. ₹1,600
  - 2. ₹1,000
  - 3. ₹1,400
  - 4. ₹1,200

Question ID : 7518979935  
Option 1 ID : 75189739740  
Option 2 ID : 75189739737  
Option 3 ID : 75189739739  
Option 4 ID : 75189739738  
Status : Answered  
Chosen Option : 4

**Q.5** What is the effect of bile salts in the digestion of food?

- Ans**
- 1. They break up big fat globules into small globules.
  - 2. They activate lipases to begin digestion of proteins.
  - 3. They contains fat-digestive enzymes called lipases.
  - 4. They digest fat globules to release fatty acids.

Question ID : 75189710084  
Option 1 ID : 75189740334  
Option 2 ID : 75189740335  
Option 3 ID : 75189740336  
Option 4 ID : 75189740333  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.6** Which of the following elements have similar properties with Eka-silicon, Eka-boron and Eka-aluminium, respectively?

- Ans**
- 1. Carbon, Scandium, and Indium
  - 2. Germanium, Scandium, and Gallium
  - 3. Scandium, Gallium, and Germanium
  - 4. Germanium, Carbon, and Gallium

Question ID : 75189710387

Option 1 ID : 75189741546

Option 2 ID : 75189741547

Option 3 ID : 75189741548

Option 4 ID : 75189741545

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.7** Hindi continues to be the most widely spoken language in India at \_\_\_\_\_ of the population, and continues to grow at a rapid pace, mostly driven by higher population growth in Hindi speaking states as per census 2011.

- Ans**
- 1. 42.03%
  - 2. 41.03%
  - 3. 44.04%
  - 4. 43.63%

Question ID : 75189710442

Option 1 ID : 75189741768

Option 2 ID : 75189741767

Option 3 ID : 75189741765

Option 4 ID : 75189741766

Status : **Answered**

Chosen Option : 4

**Q.8** A point on the principal axis of a concave mirror, from where a ray of light reflects back without any deviation, is:

- Ans**
- 1. infinity
  - 2. principal focus
  - 3. centre of curvature
  - 4. pole

Question ID : 7518979466

Option 1 ID : 75189737864

Option 2 ID : 75189737862

Option 3 ID : 75189737863

Option 4 ID : 75189737861

Status : **Marked For Review**

Chosen Option : 3

**Q.9** Which of the following describes the nature of the roots of the quadratic equation  $4x^2 - 7\sqrt{3}x + 12 = 0$ ?

- Ans**
- 1. Two equal roots
  - 2. One real root and one imaginary root
  - 3. Two distinct real roots
  - 4. No real roots

Question ID : 7518978773

Option 1 ID : 75189735090

Option 2 ID : 75189735092

Option 3 ID : 75189735091

Option 4 ID : 75189735089

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

**Q.10** One-third of a journey is covered at a speed of 25 km/h, the next one-third of the journey is covered at a speed of 40 km/h and the remaining journey is covered at a speed of 50 km/h. The average speed (in km/h, rounded off to 1 decimal place) for the entire journey is:

- Ans**
- 1. 30.3
  - 2. 33.3
  - 3. 25.3
  - 4. 35.3

Question ID : 7518979969

Option 1 ID : 75189739874

Option 2 ID : 75189739875

Option 3 ID : 75189739873

Option 4 ID : 75189739876

Status : **Answered**

Chosen Option : 4

**Q.11** The first Fullerene to be identified was \_\_\_\_\_.

- Ans**
- 1. C-60
  - 2. C-600
  - 3. C-660
  - 4. C-160

Question ID : 75189710308

Option 1 ID : 75189741229

Option 2 ID : 75189741231

Option 3 ID : 75189741232

Option 4 ID : 75189741230

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

Q.12 The sum of two numbers is 9 and the sum of their squares are 41. The numbers are:

- Ans
- ✓ 1. 5, 4
  - ✗ 2. 6, 3
  - ✗ 3. 7, 2
  - ✗ 4. 1, 8

Question ID : 7518978758  
Option 1 ID : 75189735031  
Option 2 ID : 75189735030  
Option 3 ID : 75189735029  
Option 4 ID : 75189735032  
Status : Answered  
Chosen Option : 1

Q.13 As of March 2022, how many High Courts are there in India?

- Ans
- ✗ 1. 23
  - ✗ 2. 22
  - ✓ 3. 25
  - ✗ 4. 24

Question ID : 75189710605  
Option 1 ID : 75189742418  
Option 2 ID : 75189742417  
Option 3 ID : 75189742420  
Option 4 ID : 75189742419  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.14 Which of the following numbers will replace the question mark (?) in the given series?

105, 107, 103, ?, 101, 111

- Ans
- ✓ 1. 109
  - ✗ 2. 108
  - ✗ 3. 97
  - ✗ 4. 95

Question ID : 75189710910  
Option 1 ID : 75189743638  
Option 2 ID : 75189743637  
Option 3 ID : 75189743639  
Option 4 ID : 75189743640  
Status : Answered  
Chosen Option : 1

**Q.15** Each of the digits in the number 8759236 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

- Ans
- 1. Two
  - 2. Four
  - 3. One
  - 4. Three

Question ID : 7518979884  
Option 1 ID : 75189739534  
Option 2 ID : 75189739536  
Option 3 ID : 75189739533  
Option 4 ID : 75189739535  
Status : Answered  
Chosen Option : 4

**Q.16** A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement:  $X \leq F \leq U \geq A < Z > J$

- Ans
- 1.  $F \leq U \geq A$
  - 2.  $U \geq A \geq F$
  - 3.  $U > Z > J$
  - 4.  $A < Z < X$

Question ID : 7518978220  
Option 1 ID : 75189732879  
Option 2 ID : 75189732877  
Option 3 ID : 75189732878  
Option 4 ID : 75189732880  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.17** Father's age is three times the sum of ages of his two children. After 6 years, his age will be twice the sum of the ages of both the children. The age of the father is:

- Ans
- 1. 50 years
  - 2. 36 years
  - 3. 52 years
  - 4. 54 years

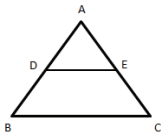
Question ID : 7518979296  
Option 1 ID : 75189737183  
Option 2 ID : 75189737184  
Option 3 ID : 75189737181  
Option 4 ID : 75189737182  
Status : Answered  
Chosen Option : 4

Q.18 What is an aquifer?

- Ans
- 1. Pockets of freshwater trapped in sandy beds in a desert
  - 2. Sheets of frozen water found in rocky caves at high altitudes
  - 3. Water that flows through natural channels in an estuary
  - 4. Water stored underground between layers of hard rock

Question ID : 75189710123  
Option 1 ID : 75189740491  
Option 2 ID : 75189740492  
Option 3 ID : 75189740490  
Option 4 ID : 75189740489  
Status : Answered  
Chosen Option : 1

Q.19 In the given figure, in  $\triangle ABC$ ,  $DE \parallel BC$ ,  $AD = 7$  cm,  $AE = 3.5$  cm and  $DB = 6$  cm . What is the value of  $AC$ ? [Note: Diagram is not drawn to scale or measurements indicated.]



- Ans
- 1. 4.5 cm
  - 2. 4 cm
  - 3. 3 cm
  - 4. 6.5 cm

Question ID : 7518979113  
Option 1 ID : 75189736450  
Option 2 ID : 75189736452  
Option 3 ID : 75189736449  
Option 4 ID : 75189736451  
Status : Answered  
Chosen Option : 4



**Q.20** Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All jugs are cups.
2. All cups are espressos.
3. Some jugs are saucers.

Conclusions:

- I. Some espressos are saucers.
- II. Some cups are jugs.

- Ans**
- 1. Only conclusion II follows
  - 2. Only conclusion I follows
  - 3. Both conclusions I and II follow
  - 4. Either conclusion I or II follow

Question ID : 75189710782  
Option 1 ID : 75189743126  
Option 2 ID : 75189743125  
Option 3 ID : 75189743128  
Option 4 ID : 75189743127  
Status : Answered  
Chosen Option : 1

**Q.21** The budget expenditure of the government is broadly classified into how many categories?

- Ans**
- 1. 5
  - 2. 3
  - 3. 2
  - 4. 4

Question ID : 7518974038  
Option 1 ID : 75189716152  
Option 2 ID : 75189716150  
Option 3 ID : 75189716149  
Option 4 ID : 75189716151  
Status : Marked For Review  
Chosen Option : 2

**Q.22** If the cost price of 24 pencils is equal to the selling price of 16 pencils, then the gain percentage is \_\_\_\_\_.

- Ans**
- 1. 38%
  - 2. 42%
  - 3. 25%
  - 4. 50%

Question ID : 75189710659  
Option 1 ID : 75189742636  
Option 2 ID : 75189742635  
Option 3 ID : 75189742633  
Option 4 ID : 75189742634  
Status : Answered  
Chosen Option : 4

Q.23 Which of the following is the highest layer of atmosphere?

- Ans
- 1. Mesosphere
  - 2. Stratosphere
  - 3. Exosphere
  - 4. Thermosphere

Question ID : 7518977250  
Option 1 ID : 75189728997  
Option 2 ID : 75189728999  
Option 3 ID : 75189729000  
Option 4 ID : 75189728998  
Status : Answered  
Chosen Option : 3

Q.24 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NE - MF - LG  
LS - KT - JU

- Ans
- 1. AV - ZW - YX
  - 2. ET - FS - GR
  - 3. BD - ZE - YF
  - 4. RG - SH - TI

Question ID : 75189710906  
Option 1 ID : 75189743622  
Option 2 ID : 75189743621  
Option 3 ID : 75189743623  
Option 4 ID : 75189743624  
Status : Answered  
Chosen Option : 1

Q.25 Which of the following festivals is mainly celebrated in Vadakkunnathan temple of Kerala?

- Ans
- 1. Thiruvathira
  - 2. Bastar Dussehra
  - 3. Kullu Dussehra
  - 4. Thrissur Pooram

Question ID : 75189710542  
Option 1 ID : 75189742166  
Option 2 ID : 75189742165  
Option 3 ID : 75189742168  
Option 4 ID : 75189742167  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.26** Raveena travels 5 km towards South from her house. From there, she goes 7 km towards East, then 4 km towards South, then 7 km towards West and then finally 5 km towards South. How far is Raveena from her house and in which direction?

- Ans**
- 1. 14 km, North
  - 2. 5 km, South
  - 3. 9 km, North
  - 4. 14 km, South

Question ID : 75189710898  
Option 1 ID : 75189743589  
Option 2 ID : 75189743592  
Option 3 ID : 75189743590  
Option 4 ID : 75189743591  
Status : Answered  
Chosen Option : 4

**Q.27** At 6:00 a.m., a wrist watch's hour hand is showing north-west, which direction will hour hand show at 9:00 p.m.?

- Ans**
- 1. South
  - 2. South-West
  - 3. North-West
  - 4. North-East

Question ID : 7518979764  
Option 1 ID : 75189739054  
Option 2 ID : 75189739055  
Option 3 ID : 75189739053  
Option 4 ID : 75189739056  
Status : Answered  
Chosen Option : 4

**Q.28** The sum of five consecutive even numbers is 2720. The sum of the third and fifth numbers is:

- Ans**
- 1. 1292
  - 2. 1392
  - 3. 1192
  - 4. 1092

Question ID : 7518978745  
Option 1 ID : 75189734978  
Option 2 ID : 75189734977  
Option 3 ID : 75189734979  
Option 4 ID : 75189734980  
Status : Answered  
Chosen Option : 4

Q.29 Petroleum is called \_\_\_\_\_.

Ans  1.

a non-renewable resource since conditions that produced it no longer exist

2. a renewable resource since it is derived from dead plants

3.  
a non-renewable resource since it cannot be made in a factory

4.  
a renewable resource since a single oil well gives oil everyday

Question ID : 75189710137  
Option 1 ID : 75189740548  
Option 2 ID : 75189740546  
Option 3 ID : 75189740546  
Option 4 ID : 75189740547  
Status : Answered  
Chosen Option : 3

Q.30 What is the value of  $5^5 \times (125)^{-\frac{2}{3}} \times (25)^{-\frac{1}{2}}$  ?

Ans  1.  $\frac{1}{25}$

2. 25

3. 5

4.  $\frac{1}{5}$

Question ID : 7518979100  
Option 1 ID : 75189736398  
Option 2 ID : 75189736400  
Option 3 ID : 75189736397  
Option 4 ID : 75189736399  
Status : Answered  
Chosen Option : 2

Q.31 A man sells a cupboard at a certain price S, 20% of which is his profit. If the price at which he buys the cupboard increases by 10% and he sells it at a 4% higher price than S, then his profit percentage will be:

Ans  1. 18.18%

2. 22.7%

3. 23.4%

4. 21.8%

Question ID : 7518979248  
Option 1 ID : 75189736989  
Option 2 ID : 75189736991  
Option 3 ID : 75189736992  
Option 4 ID : 75189736990  
Status : Answered  
Chosen Option : 1

**Q.32** P, Q, R, S, T, U and V live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 7. U lives on the floor immediately above V. T lives immediately above P and immediately below R. S does not live on any floor immediately above U or above R. P lives on third floor which is immediately above Q. Who lives on the first floor?

- Ans**
- 1. Q
  - 2. S
  - 3. R
  - 4. T

Question ID : 75189710757  
Option 1 ID : 75189743026  
Option 2 ID : 75189743027  
Option 3 ID : 75189743028  
Option 4 ID : 75189743025  
Status : Answered  
Chosen Option : 2

**Q.33** A real image of equal size is obtained at a distance of 48 cm from the lens. The type of the lens and its focal length is:

- Ans**
- 1. convex lens of focal length 48 cm
  - 2. concave lens of focal length of 48 cm
  - 3. convex lens of focal length 24 cm
  - 4. concave lens of focal length 24 cm

Question ID : 7518979512  
Option 1 ID : 75189738047  
Option 2 ID : 75189738045  
Option 3 ID : 75189738046  
Option 4 ID : 75189738048  
Status : Answered  
Chosen Option : 1

**Q.34**  $(34)^3$  is equal to:

- Ans**
- 1. 39204
  - 2. 39304
  - 3. 40304
  - 4. 29304

Question ID : 7518979279  
Option 1 ID : 75189737114  
Option 2 ID : 75189737115  
Option 3 ID : 75189737116  
Option 4 ID : 75189737113  
Status : Answered  
Chosen Option : 2

**Q.35** Marginal cost of production refers to the change in total cost to produce \_\_\_\_\_ additional unit(s).

- Ans**
- 1. 3
  - 2. 2
  - 3. 4
  - 4. 1

Question ID : **7518977513**  
Option 1 ID : **75189730051**  
Option 2 ID : **75189730050**  
Option 3 ID : **75189730052**  
Option 4 ID : **75189730049**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.36** During which of the following years the first Five Year Plan was implemented?

- Ans**
- 1. 1954-1959
  - 2. 1947-1952
  - 3. 1951-1956
  - 4. 1961-1966

Question ID : **75189710580**  
Option 1 ID : **75189742318**  
Option 2 ID : **75189742317**  
Option 3 ID : **75189742319**  
Option 4 ID : **75189742320**  
Status : **Answered**  
Chosen Option : **3**

**Q.37** How many children received the Pradhan Mantri Rashtriya Bal Puraskar 2022 award from PM Narendra Modi on National girl child day?

- Ans**
- 1. 29
  - 2. 39
  - 3. 9
  - 4. 19

Question ID : **7518973785**  
Option 1 ID : **75189715139**  
Option 2 ID : **75189715140**  
Option 3 ID : **75189715137**  
Option 4 ID : **75189715138**  
Status : **Marked For Review**  
Chosen Option : **1**

Q.38 Simplify  $\frac{12^3 \times 6^2 \times 8}{4^5 \times 3^5}$  .

- Ans
- 1. 2
  - 2. 4
  - 3. 1
  - 4. 8

Question ID : 7518979099  
Option 1 ID : 75189736393  
Option 2 ID : 75189736394  
Option 3 ID : 75189736396  
Option 4 ID : 75189736395  
Status : Answered  
Chosen Option : 1

Q.39 Rigveda consists of a collection of:

- Ans
- 1. 3028 hymns
  - 2. 2028 hymns
  - 3. 4028 hymns
  - 4. 1028 hymns

Question ID : 75189710564  
Option 1 ID : 75189742255  
Option 2 ID : 75189742254  
Option 3 ID : 75189742256  
Option 4 ID : 75189742253  
Status : Marked For Review  
Chosen Option : 4

Q.40 If '+' means '×', '×' means '+', '+' means '−', and '−' means '+', then what will be the value of the given expression?

$$79 - 87 + 5 + 48 \times 3$$

- Ans
- 1. 656
  - 2. 498
  - 3. 512
  - 4. 452

Question ID : 7518979791  
Option 1 ID : 75189739163  
Option 2 ID : 75189739162  
Option 3 ID : 75189739161  
Option 4 ID : 75189739164  
Status : Answered  
Chosen Option : 2

**Q.41** Which of the following metals is able to liberate hydrogen gas from dilute hydrochloric acid?

- Ans**
- 1. Ag
  - 2. Cu
  - 3. Hg
  - 4. Pb

Question ID : 7518979666  
Option 1 ID : 75189738664  
Option 2 ID : 75189738661  
Option 3 ID : 75189738663  
Option 4 ID : 75189738662  
Status : Answered  
Chosen Option : 1

**Q.42** If a person covers 10.5 km in 2 hours, then the distance covered by him at the same speed in 5 hours will be:

- Ans**
- 1. 26.20 km
  - 2. 26.25 km
  - 3. 25.50 km
  - 4. 25.75 km

Question ID : 7518979258  
Option 1 ID : 75189737031  
Option 2 ID : 75189737030  
Option 3 ID : 75189737029  
Option 4 ID : 75189737032  
Status : Answered  
Chosen Option : 2

**Q.43** Who is the captain of the Indian women's cricket team for the commonwealth game 2022?

- Ans**
- 1. Mithali Raj
  - 2. Shafali Verma
  - 3. Harmanpreet Kaur
  - 4. Jhula Goswami

Question ID : 7518976791  
Option 1 ID : 75189727161  
Option 2 ID : 75189727164  
Option 3 ID : 75189727162  
Option 4 ID : 75189727163  
Status : Answered  
Chosen Option : 3



**Q.44** Refer to the following letter, number and symbol series and answer the question.

(Left) H T & Q % 9 D 6 @ 6 L & 4 P Z # 5 7 U \* Y (Right)

How many such symbols are there in the series which are immediately preceded by a letter and also immediately followed by a number?

- Ans
- 1. Four
  - 2. Three
  - 3. Two
  - 4. One

Question ID : 75189710842  
Option 1 ID : 75189743368  
Option 2 ID : 75189743367  
Option 3 ID : 75189743366  
Option 4 ID : 75189743365  
Status : Answered  
Chosen Option : 2

**Q.45** A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table (but not necessarily in the same order). Four of them are sitting at the corners while four of them are sitting at the exact centre of the sides. A is on the immediate right of H who is sitting at the exact center of one of the sides of the table. D is an immediate neighbour of A. B is sitting on the immediate right of D. F is the immediate neighbor of B and C. E is sitting to the immediate left of G. Who is sitting to the immediate left of H?

- Ans
- 1. G
  - 2. D
  - 3. F
  - 4. E

Question ID : 75189710734  
Option 1 ID : 75189742935  
Option 2 ID : 75189742936  
Option 3 ID : 75189742933  
Option 4 ID : 75189742934  
Status : Answered  
Chosen Option : 1

**Q.46** The sum of the ages of a man and his son is 68 years. After 5 years, the age of man will be five times the age of his son. The present age of the son is:

- Ans
- 1. 9 years
  - 2. 7 years
  - 3. 8 years
  - 4. 10 years

Question ID : 7518978747  
Option 1 ID : 75189734986  
Option 2 ID : 75189734988  
Option 3 ID : 75189734987  
Option 4 ID : 75189734985  
Status : Answered  
Chosen Option : 3

**Q.47** Which country was ranked 101<sup>st</sup> in the Global Hunger Index 2021?

- Ans**
- 1. Sri Lanka
  - 2. Nepal
  - 3. India
  - 4. Bangladesh

Question ID : 7518976481  
Option 1 ID : 75189725921  
Option 2 ID : 75189725923  
Option 3 ID : 75189725922  
Option 4 ID : 75189725924  
Status : Answered  
Chosen Option : 3

**Q.48** In a certain code language, 'POWER' is written as 'RRAJX' and 'HELLO' is written as 'JHPQU'. How will 'NEVER' be written in that language?

- Ans**
- 1. PHZXJ
  - 2. PHJZX
  - 3. PHZJZ
  - 4. PHZJX

Question ID : 7518978277  
Option 1 ID : 75189733105  
Option 2 ID : 75189733108  
Option 3 ID : 75189733107  
Option 4 ID : 75189733106  
Status : Answered  
Chosen Option : 4

**Q.49** Which of the following fundamental rights is mentioned in Article 32 of the Indian Constitution?

- Ans**
- 1. Right to Freedom
  - 2. Right to Constitutional Remedies
  - 3. Right to Property
  - 4. Right to Equality

Question ID : 7518977556  
Option 1 ID : 75189730222  
Option 2 ID : 75189730224  
Option 3 ID : 75189730223  
Option 4 ID : 75189730221  
Status : Answered  
Chosen Option : 2

Q.50 The first Indian Reserve Forest is \_\_\_\_\_.

- Ans
- 1. Jim Corbett National Park
  - 2. Pench National Park
  - 3. Satpura National Park
  - 4. Kaziranga National Park

Question ID : 7518974489  
Option 1 ID : 75189717955  
Option 2 ID : 75189717953  
Option 3 ID : 75189717956  
Option 4 ID : 75189717954  
Status : Answered  
Chosen Option : 1

Q.51 Three resistors of  $4\ \Omega$ ,  $8\ \Omega$  and  $6\ \Omega$  are connected in parallel combination with a  $9\ \text{V}$  battery. The total current drawn from the battery is:

- Ans
- 1.  $4.8\ \text{A}$
  - 2.  $4.2\ \text{A}$
  - 3.  $8.4\ \text{A}$
  - 4.  $6.4\ \text{A}$

Question ID : 7518979561  
Option 1 ID : 75189738242  
Option 2 ID : 75189738241  
Option 3 ID : 75189738244  
Option 4 ID : 75189738243  
Status : Not Answered  
Chosen Option : --

Q.52 A  $5\ \text{cm}$  long pin is placed  $50\ \text{cm}$  far from a concave mirror of focal length  $40\ \text{cm}$ . Its image will be formed at \_\_\_\_\_.

- Ans
- 1.  $2\ \text{m}$  behind the mirror
  - 2.  $1\ \text{m}$  behind the mirror
  - 3.  $2\ \text{m}$  in front of the mirror
  - 4.  $1\ \text{m}$  in front of the mirror

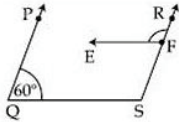
Question ID : 7518979493  
Option 1 ID : 75189737972  
Option 2 ID : 75189737969  
Option 3 ID : 75189737970  
Option 4 ID : 75189737971  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.53 Which of the following numbers will replace the question mark (?) in the given series?  
15, 26, 48, 81, 125, ?

- Ans  1. 182  
 2. 180  
 3. 170  
 4. 169

Question ID : 75189710921  
Option 1 ID : 75189743684  
Option 2 ID : 75189743682  
Option 3 ID : 75189743683  
Option 4 ID : 75189743681  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.54 In the given figure,  $QS \parallel EF$  and  $RS \parallel PQ$ . If  $m\angle PQS = 60^\circ$ , then  $m\angle RFE = ?$



- Ans  1.  $120^\circ$   
 2.  $130^\circ$   
 3.  $110^\circ$   
 4.  $140^\circ$

Question ID : 7518979108  
Option 1 ID : 75189736430  
Option 2 ID : 75189736432  
Option 3 ID : 75189736431  
Option 4 ID : 75189736429  
Status : Answered  
Chosen Option : 1

Q.55 In general, the oxides of non-metals are \_\_\_\_\_ in nature.

- Ans  1. neutral  
 2. basic  
 3. acidic  
 4. amphoteric

Question ID : 7518979703  
Option 1 ID : 75189738809  
Option 2 ID : 75189738810  
Option 3 ID : 75189738811  
Option 4 ID : 75189738812  
Status : Marked For Review  
Chosen Option : 2

**Q.56** A ray of light undergoes refraction through a triangular glass prism. The angle between the incident ray and emergent ray is called:

- Ans
- 1. angle of incidence
  - 2. angle of emergence
  - 3. angle of refraction
  - 4. angle of deviation

Question ID : 7518975425  
Option 1 ID : 75189721697  
Option 2 ID : 75189721698  
Option 3 ID : 75189721700  
Option 4 ID : 75189721699  
Status : Answered  
Chosen Option : 4

**Q.57** Which of the following balanced equations is correct for the given reaction?

Calcium chloride + Sulphuric acid  $\rightarrow$  Calcium sulphate + Hydrogen chloride

- Ans
- 1.  $2\text{CaCl}_2 + \text{H}_2\text{SO}_4 \rightarrow 2\text{CaSO}_4 + 2\text{HCl}$
  - 2.  $\text{CaCl}_2 + 2\text{H}_2\text{SO}_4 \rightarrow \text{CaSO}_4 + 2\text{HCl}$
  - 3.  $\text{CaCl}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{CaSO}_4 + \text{HCl}$
  - 4.  $\text{CaCl}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{CaSO}_4 + 2\text{HCl}$

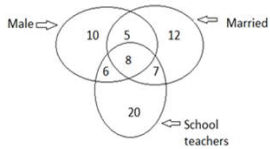
Question ID : 75189710330  
Option 1 ID : 75189741320  
Option 2 ID : 75189741319  
Option 3 ID : 75189741317  
Option 4 ID : 75189741318  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.58** The sides of a rectangle are in the ratio 8 : 10 and its perimeter is 90 cm. The area of this rectangle is:

- Ans
- 1.  $450 \text{ cm}^2$
  - 2.  $550 \text{ cm}^2$
  - 3.  $500 \text{ cm}^2$
  - 4.  $520 \text{ cm}^2$

Question ID : 7518979321  
Option 1 ID : 75189737283  
Option 2 ID : 75189737281  
Option 3 ID : 75189737284  
Option 4 ID : 75189737282  
Status : Answered  
Chosen Option : 3

**Q.59** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.

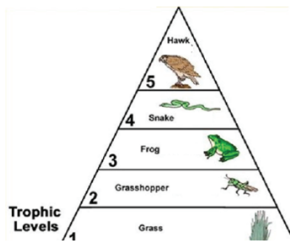


How many married males are school teachers?

- Ans**
- 1. 13
  - 2. 8
  - 3. 14
  - 4. 15

Question ID : 75189710786  
 Option 1 ID : 75189743141  
 Option 2 ID : 75189743144  
 Option 3 ID : 75189743142  
 Option 4 ID : 75189743143  
 Status : Answered  
 Chosen Option : 2

**Q.60** A simple food chain of 5 trophic levels is shown below. If the snake which is present in the fourth trophic level gets 10 kJ of energy, then what amount of energy is available at the producers?



- Ans**
- 1. 100 kJ
  - 2. 1,00,00,000 kJ
  - 3. 1,000 kJ
  - 4. 10,000 kJ

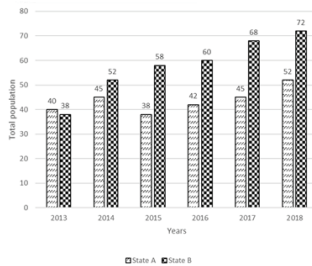
Question ID : 7518974660  
 Option 1 ID : 75189718637  
 Option 2 ID : 75189718640  
 Option 3 ID : 75189718639  
 Option 4 ID : 75189718638  
 Status : Answered  
 Chosen Option : 4

**Q.61** Six boxes, J, K, L, M, N and O, are kept one over the other, but not necessarily in the same order. J is kept immediately above N. Only one box is kept between K and O. O is the bottom-most box, and M is the top-most box. Which box is kept immediately below M?

- Ans**
- 1. N
  - 2. J
  - 3. L
  - 4. K

Question ID : 75189710763  
 Option 1 ID : 75189743052  
 Option 2 ID : 75189743050  
 Option 3 ID : 75189743051  
 Option 4 ID : 75189743049  
 Status : Answered  
 Chosen Option : 2

**Q.62** The column graph given below shows the population of two states (in lakhs) over the years. Study the graph and answer the question.



What is the difference in the population of state A and B together in years 2013 and 2018?

- Ans**
- 1. 22.0 lakhs
  - 2. 28 lakhs
  - 3. 27 lakhs
  - 4. 46 lakhs

Question ID : 75189710965  
 Option 1 ID : 75189743860  
 Option 2 ID : 75189743859  
 Option 3 ID : 75189743858  
 Option 4 ID : 75189743857  
 Status : Answered  
 Chosen Option : 1

**Q.63** Refer to the following letter arrangement and answer the question that follows.

A W S X Z E C D R V F T B H N M H Y J K I O L

How many letters are there in the given series between the letter that is third from the left end and second vowel from the right end of the given series?

- Ans**
- 1. 16
  - 2. 17
  - 3. 19
  - 4. 15

Question ID : 7518978992  
 Option 1 ID : 75189735966  
 Option 2 ID : 75189735967  
 Option 3 ID : 75189735968  
 Option 4 ID : 75189735965  
 Status : Not Answered

**Q.64** The HCF and the LCM of two numbers are 1080 and 30240, respectively. If one of the numbers is 4320, then the other number is \_\_\_\_\_.

- Ans**
- 1. 30240
  - 2. 8640
  - 3. 1080
  - 4. 7560

Question ID : 75189710635  
Option 1 ID : 75189742540  
Option 2 ID : 75189742538  
Option 3 ID : 75189742537  
Option 4 ID : 75189742539  
Status : Answered  
Chosen Option : 4

**Q.65** The magnitudes of the magnetic field at a point at distance  $r$  from a straight conductor carrying current  $I$ ,  $2I$  and  $3I$ , one by one, are  $B_1$ ,  $B_2$  and  $B_3$ , respectively. Which of the following relations is correct?

- Ans**
- 1.  $B_2 > B_3 > B_1$
  - 2.  $B_3 > B_2 > B_1$
  - 3.  $B_1 > B_2 > B_3$
  - 4.  $B_1 = B_2 = B_3$

Question ID : 7518976738  
Option 1 ID : 75189726950  
Option 2 ID : 75189726951  
Option 3 ID : 75189726949  
Option 4 ID : 75189726952  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.66** What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also 'x' and '+' are interchanged?

$$17 - 3 + 2 + 12 \times 4 = ?$$

- Ans**
- 1. 20
  - 2. 21
  - 3. 22
  - 4. 24

Question ID : 75189710953  
Option 1 ID : 75189743809  
Option 2 ID : 75189743810  
Option 3 ID : 75189743811  
Option 4 ID : 75189743812  
Status : Answered  
Chosen Option : 1



**Q.67** Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

A \_DF \_AC \_FB \_CDF \_ACD \_D

- Ans**
- 1. CDFCCA
  - 2. CDADFA
  - 3. CADACF
  - 4. CADFCC

Question ID : 7518979839  
Option 1 ID : 75189739355  
Option 2 ID : 75189739356  
Option 3 ID : 75189739353  
Option 4 ID : 75189739354  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.68** The sum of the first five prime numbers is:

- Ans**
- 1. 28
  - 2. 29
  - 3. 27
  - 4. 26

Question ID : 7518978644  
Option 1 ID : 75189734573  
Option 2 ID : 75189734574  
Option 3 ID : 75189734575  
Option 4 ID : 75189734576  
Status : **Answered**  
Chosen Option : 1

**Q.69** If 7 September 2012 is a Friday, then what will be the day of the week on 17 December 2014?

- Ans**
- 1. Wednesday
  - 2. Sunday
  - 3. Monday
  - 4. Thursday

Question ID : 7518979153  
Option 1 ID : 75189736611  
Option 2 ID : 75189736612  
Option 3 ID : 75189736609  
Option 4 ID : 75189736610  
Status : **Answered**  
Chosen Option : 1

Q.70 Which of the following is/are a function of money?

(A) Used as a store of value.

(B) Used as a measure of value.

Ans  1. Neither A nor B

2. Both A and B

3. Only B

4. Only A

Question ID : 7518976819  
Option 1 ID : 75189727276  
Option 2 ID : 75189727275  
Option 3 ID : 75189727274  
Option 4 ID : 75189727273  
Status : Answered  
Chosen Option : 3

Q.71 Select the conclusion that is true based on the given statement.

Statement:  $F > N \geq Z \leq S = B < W$

Ans  1.  $F > S$

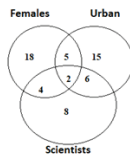
2.  $N > B$

3.  $W > Z$

4.  $N \geq W$

Question ID : 7518979832  
Option 1 ID : 75189739325  
Option 2 ID : 75189739327  
Option 3 ID : 75189739326  
Option 4 ID : 75189739328  
Status : Answered  
Chosen Option : 3

**Q.72** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such Female Scientists are there who are NOT from an Urban area?

- Ans
- 1. 2
  - 2. 6
  - 3. 5
  - 4. 4

Question ID : 75189710784  
Option 1 ID : 75189743133  
Option 2 ID : 75189743136  
Option 3 ID : 75189743135  
Option 4 ID : 75189743134  
Status : Answered  
Chosen Option : 4

**Q.73** When resistors are connected in parallel combination, then resultant resistance will be:

- Ans
- 1. Less than least resistance
  - 2. More than largest resistance
  - 3. Equal to least resistance
  - 4. Equal to highest resistance

Question ID : 7518979560  
Option 1 ID : 75189738238  
Option 2 ID : 75189738237  
Option 3 ID : 75189738240  
Option 4 ID : 75189738239  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.74** The ratio of the sum of two numbers and their difference is 8 : 3. The ratio of the greater number to the smaller number is:

- Ans
- 1. 11 : 5
  - 2. 12 : 7
  - 3. 5 : 11
  - 4. 7 : 12

Question ID : 7518978664  
Option 1 ID : 75189734655  
Option 2 ID : 75189734653  
Option 3 ID : 75189734656  
Option 4 ID : 75189734654  
Status : Answered  
Chosen Option : 1

**Q.75** A certain number of people are standing together, each having a different height. A is taller than D, but shorter than F. C is shorter than E and taller than B, who is taller than F. Only one person is taller than E, and only two persons are shorter than D. If no other person is part of the group, what is the total number of people in the group?

- Ans**
- ✓ 1. Nine
  - ✗ 2. Six
  - ✗ 3. Ten
  - ✗ 4. Seven

Question ID : 75189710768  
Option 1 ID : 75189743072  
Option 2 ID : 75189743070  
Option 3 ID : 75189743069  
Option 4 ID : 75189743071  
Status : Answered  
Chosen Option : 3

**Q.76** Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

In order to minimise the consumption of plastic bags, the supermarkets across a metro city X have announced that all their customers need to bring their own bags or will have to buy jute bags from the supermarket that cost ₹13 per bag. Which of the following can be concluded from the given information?

- I. The revenue of plastic bag manufacturing companies catering to city X may reduce to some extent.
- II. The smaller general stores across city X will not need to ban plastic bags.

- Ans**
- ✗ 1. Both I and II can be concluded from the given information.
  - ✗ 2. Only II can be concluded from the given information.
  - ✗ 3. Neither I nor II can be concluded from the given information.
  - ✓ 4. Only I can be concluded from the given information.

Question ID : 7518979084  
Option 1 ID : 75189736335  
Option 2 ID : 75189736334  
Option 3 ID : 75189736336  
Option 4 ID : 75189736333  
Status : Marked For Review  
Chosen Option : 1

**Q.77** \_\_\_\_\_ from the Indian Institute of Science, Bengaluru, received the Shanti Swarup Bhatnagar Prize for Biological Sciences for 2021.

- Ans**
- ✗ 1. Arun Kumar Shukla
  - ✓ 2. Amit Singh
  - ✗ 3. Anish Ghosh
  - ✗ 4. Binoy Kumar Saikia

Question ID : 7518978825  
Option 1 ID : 75189735299  
Option 2 ID : 75189735297  
Option 3 ID : 75189735300  
Option 4 ID : 75189735298  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.78** What are the finger like projections that increase the area of absorption of the small intestine called?

- Ans**
- 1. Sphincters
  - 2. Glands
  - 3. Cilia
  - 4. Villi

Question ID : 7518977823

Option 1 ID : 75189731291

Option 2 ID : 75189731292

Option 3 ID : 75189731290

Option 4 ID : 75189731289

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.79** Magnetic lines move from west to east direction and the conductor placed horizontally moves towards the upward direction. In such a case, the direction of induced current is towards:

- Ans**
- 1. west
  - 2. south
  - 3. north
  - 4. east

Question ID : 7518979587

Option 1 ID : 75189738346

Option 2 ID : 75189738348

Option 3 ID : 75189738347

Option 4 ID : 75189738345

Status : **Answered**

Chosen Option : 1

**Q.80** If 63 chocolates are to be divided between A and B in the ratio 4 : 5, then how many chocolates will B get?

- Ans**
- 1. 35
  - 2. 49
  - 3. 28
  - 4. 27

Question ID : 7518979229

Option 1 ID : 75189736916

Option 2 ID : 75189736914

Option 3 ID : 75189736913

Option 4 ID : 75189736915

Status : **Answered**

Chosen Option : 1

**Q.81** In a certain code language, 'BRICK' is written as 'BCIKR' and 'HOTEL' is written as 'EHL0T'. How will 'SPORT' be written in that language?

- Ans
- 1. SROTP
  - 2. OPRTS
  - 3. RSTPO
  - 4. OPRST

Question ID : 7518978002  
Option 1 ID : 75189732008  
Option 2 ID : 75189732005  
Option 3 ID : 75189732006  
Option 4 ID : 75189732007  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.82** Which of the following gases is released when zinc oxide reacts with carbon?

- Ans
- 1. Methane
  - 2. Carbon dioxide
  - 3. Ozone
  - 4. Carbon monoxide

Question ID : 75189710353  
Option 1 ID : 75189741411  
Option 2 ID : 75189741410  
Option 3 ID : 75189741412  
Option 4 ID : 75189741409  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.83** If  $1.5x = 0.02y$ , then the value of  $\frac{1}{\left(\frac{y+x}{y-x}\right)}$  is \_\_\_\_\_.

- Ans
- 1.  $\frac{370}{38}$
  - 2.  $\frac{37}{38}$
  - 3.  $\frac{37}{380}$
  - 4.  $\frac{38}{37}$

Question ID : 75189710629  
Option 1 ID : 75189742513  
Option 2 ID : 75189742515  
Option 3 ID : 75189742514  
Option 4 ID : 75189742516  
Status : Answered  
Chosen Option : 2

**Q.84** A train travels 20 km in 24 minutes. If its speed is increased by 5 km/h, the time taken by it to cover the same distance will be \_\_\_\_\_ minutes.

- Ans
- 1.  $27\frac{9}{11}$
  - 2.  $26\frac{9}{11}$
  - 3.  $21\frac{9}{11}$
  - 4.  $29\frac{9}{11}$

Question ID : 75189710670  
Option 1 ID : 75189742677  
Option 2 ID : 75189742679  
Option 3 ID : 75189742678  
Option 4 ID : 75189742680  
Status : Answered  
Chosen Option : 3

**Q.85** Find the value of  $\sec 33^\circ \operatorname{cosec} 57^\circ - \cot 57^\circ \tan 33^\circ + \cot 47^\circ \cot 43^\circ$ .

- Ans
- 1. 0
  - 2. 1
  - 3. -1
  - 4. 2

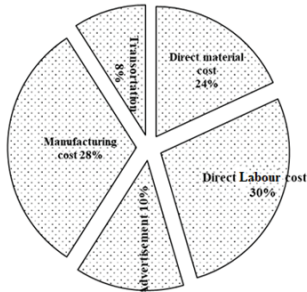
Question ID : 7518979115  
Option 1 ID : 75189736457  
Option 2 ID : 75189736458  
Option 3 ID : 75189736460  
Option 4 ID : 75189736459  
Status : Answered  
Chosen Option : 4

**Q.86** What is the pH of salt containing a mixture of a strong base and a weak acid?

- Ans
- 1. pH equal to 0
  - 2. pH equal to 7
  - 3. pH less than 7
  - 4. pH more than 7

Question ID : 75189710361  
Option 1 ID : 75189741444  
Option 2 ID : 75189741442  
Option 3 ID : 75189741441  
Option 4 ID : 75189741443  
Status : Marked For Review  
Chosen Option : 3

**Q.87** The following pie chart shows the percentage distribution of the expenditure incurred in manufacturing a certain product. Study the pie chart and answer the question.



If 500 products are manufactured and the direct labour cost on them amounts to ₹ 62,500, then what should be the selling price of the product so that manufacturer can earn a profit of 50%?

- Ans
- 1. ₹550
  - 2. ₹700
  - 3. ₹625
  - 4. ₹600

Question ID : 75189710968  
 Option 1 ID : 75189743869  
 Option 2 ID : 75189743872  
 Option 3 ID : 75189743871  
 Option 4 ID : 75189743870  
 Status : Answered  
 Chosen Option : 3

**Q.88** Which of the following methods is NOT utilised by plants to eliminate waste?

- Ans
- 1. Elimination of waste by falling leaves
  - 2. Elimination of waste by sweating
  - 3. Storage of waste in cell vacuoles
  - 4. Excretion of waste in the soil

Question ID : 7518974355  
 Option 1 ID : 75189717420  
 Option 2 ID : 75189717419  
 Option 3 ID : 75189717417  
 Option 4 ID : 75189717418  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

**Q.89** The arithmetic mean of the observations 3, 6, 8, 10, 12, 14, 18, 24 and 31 is:

- Ans
- 1. 14
  - 2. 15
  - 3. 16
  - 4. 17

Question ID : 7518978717  
 Option 1 ID : 75189734868  
 Option 2 ID : 75189734867  
 Option 3 ID : 75189734866  
 Option 4 ID : 75189734865  
 Status : Answered



**Q.90** Select the option in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits.

E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(6, 7, 8)

(23, 34, 45)

**Ans** ✗ 1. (8, 19, 28)

✓ 2. (7, 12, 17)

✗ 3. (3, 4, 9)

✗ 4. (17, 22, 25)

Question ID : 7518979780  
Option 1 ID : 75189739120  
Option 2 ID : 75189739118  
Option 3 ID : 75189739117  
Option 4 ID : 75189739119  
Status : Not Answered  
Chosen Option : --

**Q.91** In which of the following years, the 73<sup>rd</sup> and 74<sup>th</sup> Constitutional Amendment Acts came into force, which gave Constitutional status to Panchayati raj institutions (PRIs) and urban local bodies (ULBs) respectively?

**Ans** ✗ 1. 1991

✗ 2. 1992

✓ 3. 1993

✗ 4. 1994

Question ID : 75189710609  
Option 1 ID : 75189742433  
Option 2 ID : 75189742434  
Option 3 ID : 75189742435  
Option 4 ID : 75189742436  
Status : Answered  
Chosen Option : 2

**Q.92** Is there any advantage of the structure of the nephron as a long tubular structure?

**Ans** ✗ 1.

No, the long tubular structure has no advantage because filtration occurs at the cup-shaped end.

✗ 2.

Yes, the long tubes can be coiled and packed at high density to give firmness to the kidney.

✗ 3.

No, all nephrons are not long – some are short and others are long, but all are functional.

✓ 4.

Yes, the long tube gives time and space for re-absorption of excess water from the initial filtrate.

Question ID : 75189710104  
Option 1 ID : 75189740413  
Option 2 ID : 75189740416  
Option 3 ID : 75189740415  
Option 4 ID : 75189740414  
Status : Not Answered  
Chosen Option : --

**Q.93** Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(6, 30, 54)

(16, 80, 144)

**Ans** ✓ 1. (21, 105, 189)

✗ 2. (8, 35, 72)

✗ 3. (12, 48, 108)

✗ 4. (15, 75, 105)

Question ID : 75189710937

Option 1 ID : 75189743748

Option 2 ID : 75189743746

Option 3 ID : 75189743745

Option 4 ID : 75189743747

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

**Q.94** Which of the following solid compounds is formed when lead nitrate is heated?

**Ans** ✗ 1. Pb

✗ 2. Pb(OH)<sub>2</sub>

✓ 3. PbO

✗ 4. Pb(CO<sub>3</sub>)<sub>2</sub>

Question ID : 75189710339

Option 1 ID : 75189741356

Option 2 ID : 75189741353

Option 3 ID : 75189741354

Option 4 ID : 75189741355

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

**Q.95** How many such pairs of letters are there in the word MASTER (in the forward direction) which have as many letters between them in the word as there are in the English alphabetical order?

**Ans** ✗ 1. 4

✗ 2. 3

✓ 3. 2

✗ 4. 1

Question ID : 7518977959

Option 1 ID : 75189731836

Option 2 ID : 75189731835

Option 3 ID : 75189731834

Option 4 ID : 75189731833

Status : **Answered**

Chosen Option : 2

**Q.96** Five friends I, J, K, L and M are sitting in a row facing north. Only I is seated between L and M. K is seated 2<sup>nd</sup> from the left end and is not an immediate neighbour of M. Where is J seated?

- Ans
- 1. At the extreme right end
  - 2. 2<sup>nd</sup> from the right end
  - 3. 3<sup>rd</sup> from the right end
  - 4. At the extreme left end

Question ID : 7518979711  
Option 1 ID : 75189738843  
Option 2 ID : 75189738842  
Option 3 ID : 75189738841  
Option 4 ID : 75189738844  
Status : Answered  
Chosen Option : 4

**Q.97** Banas is a tributary of which of the following rivers?

- Ans
- 1. Chambal
  - 2. Gandak
  - 3. Rapti
  - 4. Tunga

Question ID : 7518974277  
Option 1 ID : 75189717108  
Option 2 ID : 75189717105  
Option 3 ID : 75189717106  
Option 4 ID : 75189717107  
Status : Marked For Review  
Chosen Option : 1

**Q.98** The Young Bengal Movement was started by \_\_\_\_\_, who had come to Calcutta in 1826 and was appointed in the Hindu College as a teacher of English literature and History.

- Ans
- 1. Keshab Chandra Sen
  - 2. Pandit Ishwar Chandra Vidyasagar
  - 3. Swamy Dayanand Saraswati
  - 4. Henry Lui Vivian Derozio

Question ID : 75189710427  
Option 1 ID : 75189741706  
Option 2 ID : 75189741707  
Option 3 ID : 75189741708  
Option 4 ID : 75189741705  
Status : Marked For Review  
Chosen Option : 2

Q.99 Which of the following is an INCORRECT formula for electric power?

Ans  1.  $P = I^2R$

2.  $P = IV$

3.  $P = \frac{V}{I}$

4.  $P = \frac{V^2}{R}$

Question ID : 7518979574  
Option 1 ID : 75189738293  
Option 2 ID : 75189738296  
Option 3 ID : 75189738295  
Option 4 ID : 75189738294  
Status : Answered  
Chosen Option : 3

Q.100 Which of the following schemes is formulated to mitigate gender disparity in science and engineering research funding in various Science & Technology programs in Indian academic institutions and R&D laboratories?

Ans  1. SERB-CONTROL

2. SERB-DRIVE

3. SERB-ENERGY

4. SERB-POWER