



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



Roll Number	
Candidate Name	
Test Center Name	Sri Balaji College Of Engineering And Technology
Test Date	08/09/2022
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.

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

Section : Level 1

Q.1 Consider two wires, A and B, of same thickness but lengths L and 5L, respectively. If the resistances of A and B are  $1.0 \Omega$  and  $2.5 \Omega$ , respectively, the ratio of the resistivity of A to the resistivity of B is:

- Ans
- 1.  $\frac{1}{2}$
  - 2. 1
  - 3. 5
  - 4. 2

Question ID : 7518976678  
Option 1 ID : 75189726709  
Option 2 ID : 75189726710  
Option 3 ID : 75189726712  
Option 4 ID : 75189726711  
Status : Answered  
Chosen Option : 2

Q.2 The value of  $20 + \frac{24}{7} \times \{(1 \div 2) + (2 \div 3)\}$  is:

- Ans
- 1. 28
  - 2. 32
  - 3. 24
  - 4. 34

Question ID : 7518978614  
Option 1 ID : 75189734453  
Option 2 ID : 75189734454  
Option 3 ID : 75189734456  
Option 4 ID : 75189734455  
Status : Answered  
Chosen Option : 3

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Q.3 During the process of respiration, how many oxygen molecules combine with one molecule of glucose?

- Ans
- 1. Five
  - 2. Four
  - 3. Six
  - 4. Seven

Question ID : 7518978117  
Option 1 ID : 75189732466  
Option 2 ID : 75189732465  
Option 3 ID : 75189732467  
Option 4 ID : 75189732468  
Status : Answered  
Chosen Option : 2

Q.4 The compound containing 5 carbon atoms with the general formula  $C_nH_{2n+2}$  is:

- Ans
- 1. heptane
  - 2. pentane
  - 3. butane
  - 4. hexane

Question ID : 7518973561  
Option 1 ID : 75189714244  
Option 2 ID : 75189714241  
Option 3 ID : 75189714242  
Option 4 ID : 75189714243  
Status : Answered  
Chosen Option : 2

Q.5 The value of  $(\operatorname{cosec} A + \cot A)(1 - \cos A)$  is:

- Ans
- 1.  $\sin A$
  - 2.  $\tan A$
  - 3.  $\cos A$
  - 4.  $\cot A$

Question ID : 7518978816  
Option 1 ID : 75189735261  
Option 2 ID : 75189735263  
Option 3 ID : 75189735262  
Option 4 ID : 75189735264  
Status : Answered  
Chosen Option : 1

Q.6 You have two solutions A and B. The pH of solution A is 6 and that of solution B is 9. Based on this information, select the correct answer.

- Ans
- 1. Both the solutions are basic.
  - 2. Solution A is acidic, and Solution B is basic.
  - 3. Both the solutions are acidic.
  - 4. Solution A is basic, and Solution B is acidic.

Question ID : 7518973627  
Option 1 ID : 75189714507  
Option 2 ID : 75189714505  
Option 3 ID : 75189714508  
Option 4 ID : 75189714506  
Status : Answered  
Chosen Option : 2

Q.7 P की वर्तमान आयु का तीन गुना, Q की वर्तमान आयु से 25 वर्ष अधिक है। 10 वर्ष बाद, Q की आयु का दोगुना, P की आयु के तीन गुने से 18 वर्ष कम होगा। Q की वर्तमान आयु (वर्ष में) ज्ञात कीजिए।

- Ans
- 1. 19
  - 2. 21
  - 3. 17
  - 4. 16

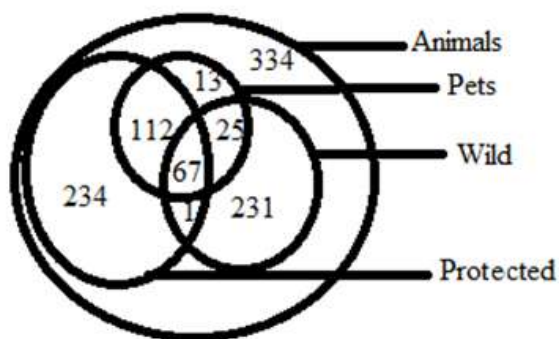
Question ID : 7518978446  
Option 1 ID : 75189733783  
Option 2 ID : 75189733784  
Option 3 ID : 75189733782  
Option 4 ID : 75189733781  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.8 Indian economy on the eve of independence was:

- Ans
- 1. developed
  - 2. developing
  - 3. underdeveloped and stagnant
  - 4. undeveloped

Question ID : 7518976834  
Option 1 ID : 75189727333  
Option 2 ID : 75189727335  
Option 3 ID : 75189727336  
Option 4 ID : 75189727334  
Status : Answered  
Chosen Option : 3

Q.9 Study the Venn Diagram given below and answer the question that follows.



How many animals are pets but not protected?

- Ans
- 1. 13
  - 2. 38
  - 3. 67
  - 4. 25

Question ID : 7518977918  
 Option 1 ID : 75189731671  
 Option 2 ID : 75189731672  
 Option 3 ID : 75189731669  
 Option 4 ID : 75189731670  
 Status : Answered  
 Chosen Option : 2

Q.10 This question is based on the five, three-digit numbers given below:

(Left) 478    635    316    253    675 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE - All operations to be done from left to right.)

What will be the resultant if the second digit of the largest number is added to the first digit of the smallest number?

- Ans
- 1. 9
  - 2. 6
  - 3. 10
  - 4. 8

Question ID : 7518977353  
 Option 1 ID : 75189729412  
 Option 2 ID : 75189729410  
 Option 3 ID : 75189729409  
 Option 4 ID : 75189729411  
 Status : Answered  
 Chosen Option : 1

Q.11 If  $\alpha, \beta$  ( $\alpha > \beta$ ) are the roots of the quadratic equation  $x^2 - 10x + 16 = 0$ , then the value of  $\alpha^4 - \beta^4$  is:

- Ans
- ✓ 1. 4080
  - ✗ 2. -5080
  - ✗ 3. 5080
  - ✗ 4. -4080

Question ID : 7518978776  
Option 1 ID : 75189735104  
Option 2 ID : 75189735101  
Option 3 ID : 75189735103  
Option 4 ID : 75189735102  
Status : Answered  
Chosen Option : 1

Q.12 The volume of a cylinder having height 21 cm and radius 10 cm is:

(Use  $\pi = \frac{22}{7}$ )

- Ans
- ✗ 1. 9900 cm<sup>3</sup>
  - ✓ 2. 6600 cm<sup>3</sup>
  - ✗ 3. 8800 cm<sup>3</sup>
  - ✗ 4. 7700 cm<sup>3</sup>

Question ID : 7518978788  
Option 1 ID : 75189735149  
Option 2 ID : 75189735152  
Option 3 ID : 75189735150  
Option 4 ID : 75189735151  
Status : Answered  
Chosen Option : 2

Q.13 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

IGE : QOM :: YWU : GEC

- Ans
- ✓ 1. NLJ : VTR
  - ✗ 2. ONL : XWU
  - ✗ 3. PQR : MLK
  - ✗ 4. PNM : UTS

Question ID : 7518979029  
Option 1 ID : 75189736115  
Option 2 ID : 75189736116  
Option 3 ID : 75189736114  
Option 4 ID : 75189736113  
Status : Answered  
Chosen Option : 1

Q.14 निम्न अक्षर, संख्या और प्रतीक शृंखला के आधार पर पूछे गए प्रश्न का उत्तर दीजिए।  
(बाएं) Ω R 7 & S ∞ 5 ! D @ 4 Y 3 D # W A 6 & F O 7 % D C (दाएं)  
उपरोक्त शृंखला में ऐसे कितने प्रतीक हैं, जिनमें से प्रत्येक के ठीक पहले एक अक्षर है, और ठीक बाद एक संख्या है?

- Ans
- 1. दो
  - 2. एक
  - 3. शून्य
  - 4. तीन

Question ID : 7518974996  
Option 1 ID : 75189719983  
Option 2 ID : 75189719982  
Option 3 ID : 75189719981  
Option 4 ID : 75189719984  
Status : Answered  
Chosen Option : 1

Q.15 Two mini trains of length 80 m and 120 m, respectively, are moving on parallel tracks in opposite directions at 30 m/s and 20 m/s respectively. The time taken (in seconds) by both the mini trains to cross each other is:

- Ans
- 1. 4
  - 2. 6
  - 3. 10
  - 4. 8

Question ID : 7518978701  
Option 1 ID : 75189734804  
Option 2 ID : 75189734803  
Option 3 ID : 75189734801  
Option 4 ID : 75189734802  
Status : Answered  
Chosen Option : 1

Q.16 The Smart Event Tracking System, a Google Maps-based planning and analysis tool launched in March 2022 is an in-house software of the \_\_\_\_\_.

- Ans
- 1. Indian Railways
  - 2. Indian Air Force
  - 3. Inland Waterways Authority of India
  - 4. Airports Authority of India

Question ID : 7518977443  
Option 1 ID : 75189729770  
Option 2 ID : 75189729769  
Option 3 ID : 75189729772  
Option 4 ID : 75189729771  
Status : Not Answered  
Chosen Option : --



Q.17 Which of the following two numbers should be interchanged to make the following equation correct?

$$35 \times 13 + 7 + 9 - 14 = 44$$

- Ans
- 1. 35 and 14
  - 2. 13 and 7
  - 3. 7 and 9
  - 4. 9 and 13

Question ID : 7518979055  
Option 1 ID : 75189736217  
Option 2 ID : 75189736218  
Option 3 ID : 75189736220  
Option 4 ID : 75189736219  
Status : Answered  
Chosen Option : 4

Q.18 Which law states that "if we keep increasing the employment of an input, with other inputs fixed, eventually a point will be reached after which the resulting addition to output will start falling"?

- Ans
- 1. Law of Increasing Profit Generation
  - 2. Law of Production
  - 3. Law of Variable Proportions
  - 4. Law of Diminishing Marginal Product

Question ID : 7518974244  
Option 1 ID : 75189716975  
Option 2 ID : 75189716976  
Option 3 ID : 75189716974  
Option 4 ID : 75189716973  
Status : Not Answered  
Chosen Option : --

Q.19 The value of  $\frac{(9.8 \times 9.8 - 5.8 \times 5.8)}{2 \times (7.8)}$  is:

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

Question ID : 7518978629  
Option 1 ID : 75189734515  
Option 2 ID : 75189734513  
Option 3 ID : 75189734516  
Option 4 ID : 75189734514  
Status : Answered  
Chosen Option : 1



Q.20 The tendency of conductor to oppose the flow of current is:

- Ans
- 1. Power
  - 2. electric potential
  - 3. resistance
  - 4. conductance

Question ID : 7518978129  
Option 1 ID : 75189732513  
Option 2 ID : 75189732515  
Option 3 ID : 75189732514  
Option 4 ID : 75189732516  
Status : Answered  
Chosen Option : 3

Q.21 How many elements were discovered till the time Newland's Law of Octaves came in to existence?

- Ans
- 1. 61
  - 2. 56
  - 3. 53
  - 4. 63

Question ID : 7518973506  
Option 1 ID : 75189714022  
Option 2 ID : 75189714023  
Option 3 ID : 75189714021  
Option 4 ID : 75189714024  
Status : Answered  
Chosen Option : 4

Q.22 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)

(4, 24)

(11, 143)

- Ans
- 1. (9, 102)
  - 2. (7, 42)
  - 3. (5, 40)
  - 4. (2, 8)

Question ID : 7518978057  
Option 1 ID : 75189732225  
Option 2 ID : 75189732226  
Option 3 ID : 75189732228  
Option 4 ID : 75189732227  
Status : Answered  
Chosen Option : 4

**Q.23** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some caps are headbands.
2. All headbands are hats.
3. Some berets are hats.

Conclusions:

- I-Some caps are hats.  
II-Some hats are berets.

- Ans**
- 1. Only conclusion II follows.
  - 2. Only conclusion I follows.
  - 3. Both conclusions I and II follow.
  - 4. Neither conclusion I nor II follows.

Question ID : 7518979068

Option 1 ID : 75189736270

Option 2 ID : 75189736269

Option 3 ID : 75189736271

Option 4 ID : 75189736272

Status : Answered

Chosen Option : 3

**Q.24** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(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)

13 : 195 :: 2 : 8 :: 12 : ?

- Ans**
- 1. 48
  - 2. 168
  - 3. 180
  - 4. 24

Question ID : 7518978056

Option 1 ID : 75189732223

Option 2 ID : 75189732224

Option 3 ID : 75189732222

Option 4 ID : 75189732221

Status : Answered

Chosen Option : 2

Q.25 If  $\left(\frac{12}{7}\right)^5 \times \left(\frac{7}{12}\right)^8 \times \left(\frac{12}{7}\right)^{16} = \left(\frac{7}{12}\right)^{2m+10}$ , then  $m =$

- Ans
- 1.  $-1$
  - 2.  $\frac{23}{2}$
  - 3.  $\frac{19}{2}$
  - 4.  $-\frac{23}{2}$

Question ID : 7518975559  
Option 1 ID : 75189722236  
Option 2 ID : 75189722233  
Option 3 ID : 75189722235  
Option 4 ID : 75189722234  
Status : Answered  
Chosen Option : 4

Q.26 If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 6249729, what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

- Ans
- 1. 6
  - 2. 12
  - 3. 10
  - 4. 8

Question ID : 7518978332  
Option 1 ID : 75189733325  
Option 2 ID : 75189733328  
Option 3 ID : 75189733327  
Option 4 ID : 75189733326  
Status : Answered  
Chosen Option : 4

**Q.27** Deepak rode his bicycle in the north direction from a point A to reach point B, then turned left and rode 3 km to reach point C and again turned left and rode 4 km to reach point D. He found himself 3 km west of his starting point. How far did he ride from point A to point B?  
(All turns are 90 degree turns only)

- Ans**
- 1. 4 kms
  - 2. 5 kms
  - 3. 10 kms
  - 4. 7 kms

Question ID : 7518979019  
 Option 1 ID : 75189736076  
 Option 2 ID : 75189736075  
 Option 3 ID : 75189736073  
 Option 4 ID : 75189736074  
 Status : Answered  
 Chosen Option : 1

**Q.28** Rajesh has 180 litres of Oil A and 220 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Rajesh uses, so that all the oil that Rajesh has, of both the types, can be poured into these containers?

- Ans**
- 1. 80
  - 2. 20
  - 3. 40
  - 4. 60

Question ID : 7518975817  
 Option 1 ID : 75189723268  
 Option 2 ID : 75189723265  
 Option 3 ID : 75189723266  
 Option 4 ID : 75189723267  
 Status : Answered  
 Chosen Option : 2

**Q.29** जनसंख्या वृद्धि को नियंत्रित करने में जन्म नियंत्रण कार्यक्रमों की सफलता दर तय करने हेतु निम्न में से कौन सा कारक सबसे महत्वपूर्ण है?

- Ans**
- 1. शुक्रवाहिका उच्छेदन (Vasectomy)
  - 2. गर्भ निरोधकों का उपयोग
  - 3. लोगों द्वारा गर्भनिरोधक विधियों की स्वीकार्यता
  - 4. नलिका उच्छेदन (Tubectomy)

Question ID : 7518974627  
 Option 1 ID : 75189718507  
 Option 2 ID : 75189718506  
 Option 3 ID : 75189718508  
 Option 4 ID : 75189718505  
 Status : Not Answered  
 Chosen Option : --

Q.30 The succeeding members of alkane homologous series differ by the formula unit:

- Ans
- 1.  $H_2$
  - 2.  $C_2$
  - 3.  $OH$
  - 4.  $CH_2$

Question ID : 7518978110  
Option 1 ID : 75189732437  
Option 2 ID : 75189732439  
Option 3 ID : 75189732440  
Option 4 ID : 75189732438  
Status : Answered  
Chosen Option : 4

Q.31 If '+' means '-', '-' means '+', 'x' means '+', and '=' means 'x', what will come in place of the question mark (?) in the following equation?

$$30 - 7 + 2 + 15 \times 3 = ?$$

- Ans
- 1. 35
  - 2. 39
  - 3. 42
  - 4. 38

Question ID : 7518978333  
Option 1 ID : 75189733329  
Option 2 ID : 75189733331  
Option 3 ID : 75189733332  
Option 4 ID : 75189733330  
Status : Answered  
Chosen Option : 2

Q.32 The 11th Schedule of the Indian Constitution was added in 1992 by the \_\_\_\_\_ Constitution Amendment Act.

- Ans
- 1. 42nd
  - 2. 72nd
  - 3. 74th
  - 4. 73rd

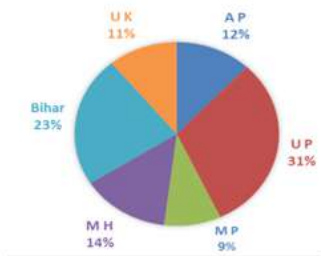
Question ID : 7518978940  
Option 1 ID : 75189735759  
Option 2 ID : 75189735758  
Option 3 ID : 75189735757  
Option 4 ID : 75189735760  
Status : Answered  
Chosen Option : 2

**Q.33** A shopkeeper mixes 30 kg wheat costing ₹13.65 per kg with 20 kg wheat costing ₹18.15 per kg. At what rate per kg should he sell the mixed variety of wheat to earn 30% profit (correct to the nearest rupee)?

- Ans**
- 1. ₹18
  - 2. ₹17
  - 3. ₹20
  - 4. ₹15

Question ID : 7518976075  
 Option 1 ID : 75189724299  
 Option 2 ID : 75189724298  
 Option 3 ID : 75189724300  
 Option 4 ID : 75189724297  
 Status : Answered  
 Chosen Option : 3

**Q.34** The following pie-chart shows the population distribution in different States in 2019. Study the following pie-chart and answer the question based on it.



If the total population of the given states is 44,94,000, and male-female ratio is 3 : 2 in UP, what was the number of males in UP in the year 2019?

- Ans**
- 1. 8,45,623
  - 2. 8,21,478
  - 3. 8,35,884
  - 4. 8,65,478



Question ID : 7518979062  
 Option 1 ID : 75189736246  
 Option 2 ID : 75189736248  
 Option 3 ID : 75189736247  
 Option 4 ID : 75189736245  
 Status : Answered  
 Chosen Option : 3

Q.35 Two parallel lines intersect at:

- Ans
- 1. two points
  - 2. one point
  - 3. three points
  - 4. no point

Question ID : 7518978796  
Option 1 ID : 75189735182  
Option 2 ID : 75189735181  
Option 3 ID : 75189735183  
Option 4 ID : 75189735184  
Status : Answered  
Chosen Option : 4

Q.36 Which Indian cricketer broke Kapil Dev's long-standing record for the highest score by an Indian coming to bat at number 7 or below in test cricket?

- Ans
- 1. Ravichandran Ashwin
  - 2. Shardul Thakur
  - 3. Akshar Patel
  - 4. Ravindra Jadeja

Question ID : 7518973946  
Option 1 ID : 75189715781  
Option 2 ID : 75189715784  
Option 3 ID : 75189715783  
Option 4 ID : 75189715782  
Status : Not Answered  
Chosen Option : --

Q.37 The Minister of State for Culture and Parliamentary Affairs launched a \_\_\_\_\_ workshop 'Paramarsh 2022' in Bikaner.

- Ans
- 1. career counselling
  - 2. hospitality and tourism
  - 3. food and nutrition
  - 4. health and wellness

Question ID : 7518977456  
Option 1 ID : 75189729823  
Option 2 ID : 75189729824  
Option 3 ID : 75189729821  
Option 4 ID : 75189729822  
Status : Not Answered  
Chosen Option : --



Q.38 When was the Essential Defence Services Act passed?

- Ans  1. 2021  
 2. 2020  
 3. 2019  
 4. 2018

Question ID : 7518978509  
 Option 1 ID : 75189734036  
 Option 2 ID : 75189734035  
 Option 3 ID : 75189734034  
 Option 4 ID : 75189734033  
 Status : Not Answered  
 Chosen Option : --

Q.39 By selling an article at  $\frac{7}{12}$  of its actual selling price, Manav incurs a loss of 16%. If he sells it at 80% of its actual selling price, then the profit percentage is:

- Ans  1. 14.5%  
 2. 14.8%  
 3. 15.2%  
 4. 15.5%

Question ID : 7518978377  
 Option 1 ID : 75189733505  
 Option 2 ID : 75189733506  
 Option 3 ID : 75189733507  
 Option 4 ID : 75189733508  
 Status : Answered  
 Chosen Option : 3

Q.40 इस प्रश्न में, अंकों/प्रतीकों के एक समूह को नीचे दी गई तालिका और उसके बाद दी गई शर्तों के अनुसार अक्षरों का उपयोग करके कूटबद्ध किया गया है। शर्तों के अनुसार कूटों का सही संयोजन आपका उत्तर होगा।

संख्या/अंक	2	5	8	1	4	7	3	6	9
कूट	A	S	D	G	H	J	K	L	R

शर्तें:

- यदि पहले और अंतिम अंक विषम अंक हैं, तो दोनों को L के रूप में कूटबद्ध किया जाएगा।
  - यदि पहले और अंतिम अंक सम अंक हैं, तो दोनों को Z के रूप में कूटबद्ध किया जाएगा।
- 564783 का कूट क्या होगा?

- Ans  1. SLHJDK  
 2. LLHJDL  
 3. LLHJKL  
 4. SLHJDL

Question ID : 7518979014  
 Option 1 ID : 75189736053  
 Option 2 ID : 75189736056  
 Option 3 ID : 75189736054  
 Option 4 ID : 75189736055  
 Status : Answered  
 Chosen Option : 2

Q.41 Which of the following statements is correct regarding the process of waste excretion in plants?

- Ans
- 1. Plants do not excrete waste substances into the soil.
  - 2. In plants, excess water is removed by translocation.
  - 3. Carbon dioxide is a waste product in photosynthesis.
  - 4. In some plants, waste products are stored as resins.

Question ID : 7518977809

Option 1 ID : 75189731235

Option 2 ID : 75189731234

Option 3 ID : 75189731233

Option 4 ID : 75189731236

Status : Answered

Chosen Option : 2

Q.42 When 1833, 2482 and 3190 are divided by the greatest number  $x$ , the remainder in each case is  $y$ . What is the value of  $(3x - 14y)$ ?

- Ans
- 1. 133
  - 2. 131
  - 3. 121
  - 4. 123

Question ID : 7518978352

Option 1 ID : 75189733408

Option 2 ID : 75189733407

Option 3 ID : 75189733405

Option 4 ID : 75189733406

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.43 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. D is kept third from the bottom. Only one box is kept between C and D. Only three boxes are kept between B and F. B is kept at one of the positions above F. A is kept immediately below G. How many boxes are kept between D and E?

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

Question ID : 7518978197

Option 1 ID : 75189732785

Option 2 ID : 75189732787

Option 3 ID : 75189732788

Option 4 ID : 75189732786

Status : Answered

Chosen Option : 2

**Q.44** When  $x$  is added to each of 11, 14, 31 and 38, then the numbers so obtained, in this order, are in proportion. Then, if  $3x : y :: y : (8x - 5)$ , and  $y > 0$ , what is the value of  $y$ ?

- Ans**
- 1. 12
  - 2. 18
  - 3. 15
  - 4. 16

Question ID : 7518978367

Option 1 ID : 75189733465

Option 2 ID : 75189733468

Option 3 ID : 75189733466

Option 4 ID : 75189733467

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

Chosen Option : --

**Q.45** Select the number from among the given options that can replace the question mark (?) in the following series.

82, 23, 69, 30, 56, 37, 43, 44, 30, ?

- Ans**
- 1. 55
  - 2. 51
  - 3. 37
  - 4. 27

Question ID : 7518978046

Option 1 ID : 75189732184

Option 2 ID : 75189732181

Option 3 ID : 75189732182

Option 4 ID : 75189732183

Status : **Answered**

Chosen Option : 2

**Q.46** Three chairs and two tables cost ₹7,000 and five chairs and three tables cost ₹11,000. What is the cost of four chairs and two tables?

- Ans**
- 1. ₹9,600
  - 2. ₹8,000
  - 3. ₹6,000
  - 4. ₹9,000

Question ID : 7518978431

Option 1 ID : 75189733724

Option 2 ID : 75189733722

Option 3 ID : 75189733721

Option 4 ID : 75189733723

Status : **Answered**

Chosen Option : 2

**Q.47** Which of the following is a complex mixture of hydrocarbons that occur on Earth in liquid, gaseous or solid form, that can be refined into fuel?

- Ans**
- 1. Bitumen
  - 2. Petroleum
  - 3. Coal
  - 4. Coke

Question ID : 7518974073  
Option 1 ID : 75189716289  
Option 2 ID : 75189716291  
Option 3 ID : 75189716292  
Option 4 ID : 75189716290  
Status : Answered  
Chosen Option : 2

**Q.48** Two identical resistors are connected in parallel to a 6 V battery. The total power dissipated in the circuit is 12 W. The current in each resistor is:

- Ans**
- 1. 4.0 A
  - 2. 2.0 A
  - 3. 0.5 A
  - 4. 1.0 A

Question ID : 7518976721  
Option 1 ID : 75189726884  
Option 2 ID : 75189726883  
Option 3 ID : 75189726881  
Option 4 ID : 75189726882  
Status : Not Answered  
Chosen Option : --

**Q.49** Which of the following are biodegradable substances?

- Ans**
- 1. Paper and cotton
  - 2. Plastic goods
  - 3. Chemicals
  - 4. Industrial wastes

Question ID : 7518977870  
Option 1 ID : 75189731477  
Option 2 ID : 75189731478  
Option 3 ID : 75189731480  
Option 4 ID : 75189731479  
Status : Answered  
Chosen Option : 1

**Q.50** The average of 10 observations is 46. It was realised later that an observation was misread as 42 in place of 142. Find the correct average.

- Ans**
- 1. 45
  - 2. 54
  - 3. 65
  - 4. 56

Question ID : 7518975667  
Option 1 ID : 75189722668  
Option 2 ID : 75189722667  
Option 3 ID : 75189722666  
Option 4 ID : 75189722665  
Status : Answered  
Chosen Option : 4

**Q.51** Who is known as India's 'Waterman', who won the prestigious Stockholm Water Prize in 2015?

- Ans**
- 1. Dr. Rajendra Singh
  - 2. Chandi Prasad Bhatt
  - 3. Dr. AK Banerjee
  - 4. Sunder Lal Bahuguna

Question ID : 7518974706  
Option 1 ID : 75189718822  
Option 2 ID : 75189718824  
Option 3 ID : 75189718821  
Option 4 ID : 75189718823  
Status : Not Answered  
Chosen Option : --

**Q.52** Which Article of the Constitution of India prohibits discrimination on the grounds of religion?

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

Question ID : 7518977273  
Option 1 ID : 75189729089  
Option 2 ID : 75189729092  
Option 3 ID : 75189729090  
Option 4 ID : 75189729091  
Status : Answered  
Chosen Option : 4

**Q.53** A ray of light in glass is incident at an angle of  $30^\circ$  on the surface separating glass from air. The ray is refracted in the air at an angle of \_\_\_\_\_ and the refracted ray \_\_\_\_\_ in the plane of the incident ray.

- Ans**
- 1. more than  $30^\circ$ , does not lie
  - 2. more than  $30^\circ$ , lies
  - 3. less than  $30^\circ$ , does not lie
  - 4. less than  $30^\circ$ , lies

Question ID : 7518976614  
Option 1 ID : 75189726455  
Option 2 ID : 75189726453  
Option 3 ID : 75189726456  
Option 4 ID : 75189726454  
Status : Answered  
Chosen Option : 2

**Q.54** A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. H is second to the left of E and third to the right of C. F is third to the right of B, who is an immediate neighbour of D. E is third to the left of C. A is second to the left of B and second to the right of G. Who among the following is an immediate neighbour of C and G (both)?

- Ans**
- 1. D
  - 2. H
  - 3. F
  - 4. A

Question ID : 7518978946  
Option 1 ID : 75189735781  
Option 2 ID : 75189735783  
Option 3 ID : 75189735782  
Option 4 ID : 75189735784  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

**Q.55** Which of the following does not qualify as a source of factor income?

- Ans**
- 1. Profit
  - 2. Donation
  - 3. Wages
  - 4. Rent

Question ID : 7518977503  
Option 1 ID : 75189730011  
Option 2 ID : 75189730012  
Option 3 ID : 75189730010  
Option 4 ID : 75189730009  
Status : Answered  
Chosen Option : 2

**Q.56** Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statement:

$M \leq A \geq K \geq C \geq E < R$

Conclusions:

I.  $E < A$

II.  $A = E$

- Ans**
- 1. Neither conclusion I nor II follows
  - 2. Either conclusion I or II follows
  - 3. Only conclusion II follows
  - 4. Only conclusion I follows

Question ID : 7518978971

Option 1 ID : 75189735884

Option 2 ID : 75189735883

Option 3 ID : 75189735882

Option 4 ID : 75189735881

Status : Answered

Chosen Option : 1

**Q.57** Eight friends A, B, C, D, E, F, G, and H are sitting around a square table. Four persons are sitting at the corners and the other four are sitting in the middle of each side. They all are facing towards the centre of the table. E is sitting second to the left of F. A is sitting somewhere to the left of B and B is sitting third to the left of F. G is an immediate neighbour of both A and B. C is sitting to the immediate left of F. F is sitting to the immediate left of D. Who is sitting second to the left of H?

- Ans**
- 1. B
  - 2. D
  - 3. E
  - 4. F

Question ID : 7518977888

Option 1 ID : 75189731551

Option 2 ID : 75189731549

Option 3 ID : 75189731552

Option 4 ID : 75189731550

Status : Answered

Chosen Option : 4



Q.58 Which one among the following is the oldest High Court of India?

- Ans
- 1. Patna High Court
  - 2. Calcutta High Court
  - 3. Delhi High Court
  - 4. Bombay High Court

Question ID : 7518974104  
Option 1 ID : 75189716413  
Option 2 ID : 75189716416  
Option 3 ID : 75189716414  
Option 4 ID : 75189716415  
Status : Answered  
Chosen Option : 2

Q.59 The ratio of the present ages of P and Q is 5: 8. After 5 years, Q's age will be 45 years. Six years ago, the age of P was:

- Ans
- 1. 34 years
  - 2. 19 years
  - 3. 29 years
  - 4. 24 years

Question ID : 7518978753  
Option 1 ID : 75189735009  
Option 2 ID : 75189735012  
Option 3 ID : 75189735010  
Option 4 ID : 75189735011  
Status : Answered  
Chosen Option : 2

Q.60 A, B, C, D and E live on five 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 5. B lives on an even numbered floor but not on floor number 4. Only two people live between A and E. C lives immediately below A. Who lives on floor number 5?

- Ans
- 1. D
  - 2. A
  - 3. E
  - 4. C

Question ID : 7518978186  
Option 1 ID : 75189732741  
Option 2 ID : 75189732743  
Option 3 ID : 75189732744  
Option 4 ID : 75189732742  
Status : Answered  
Chosen Option : 1

**Q.61** A beam of parallel rays close to the principal axis are incident on a convex lens. At which point will they converge:

- Ans
- 1. At 2F
  - 2. Between F and 2F
  - 3. Beyond 2F
  - 4. At F

Question ID : 7518975371  
 Option 1 ID : 75189721483  
 Option 2 ID : 75189721484  
 Option 3 ID : 75189721482  
 Option 4 ID : 75189721481  
 Status : Not Answered  
 Chosen Option : --

**Q.62** Study the given alphanumeric symbol series carefully and answer the question based on it.

P5&8VO9#T6HS7FW\*ILN4?2/CUQ!J3>A

If all the odd numbers are dropped from the above series, then find the product of the numbers that come between the third consonant from the right end and &.

- Ans
- 1. 192
  - 2. 384
  - 3. 256
  - 4. 246

Question ID : 7518978989  
 Option 1 ID : 75189735955  
 Option 2 ID : 75189735956  
 Option 3 ID : 75189735953  
 Option 4 ID : 75189735954  
 Status : Answered  
 Chosen Option : 2

**Q.63** An object is placed on the principal axis of a convex lens of focal length 16 cm, at a distance of 8 cm. Its image formed is at a distance of \_\_\_\_\_.

- Ans
- 1. -16 cm
  - 2. 24 cm
  - 3.  $\frac{16}{3}$  cm
  - 4. 8 cm

Question ID : 7518976628  
 Option 1 ID : 75189726511  
 Option 2 ID : 75189726512  
 Option 3 ID : 75189726509  
 Option 4 ID : 75189726510  
 Status : Not Answered  
 Chosen Option : --

Q.64 National Women Ice Hockey Championship - 2022 was hosted by:

- Ans  1. Himachal Pradesh  
 2. Ladakh  
 3. Uttrakhand  
 4. Jammu and Kashmir

Question ID : 7518976798  
Option 1 ID : 75189727189  
Option 2 ID : 75189727191  
Option 3 ID : 75189727192  
Option 4 ID : 75189727190  
Status : Answered  
Chosen Option : 4

Q.65 Consider the following statements about magnetic field due to a bar magnet:

- (a) There is no field inside the bar magnet.  
(b) The field lines inside the bar magnet are directed from its north pole to the south pole.

Which of the above statements is/are correct?

- Ans  1. Neither (a) nor (b)  
 2. Only (b)  
 3. Only (a)  
 4. Both (a) and (b)

Question ID : 7518976727  
Option 1 ID : 75189726907  
Option 2 ID : 75189726906  
Option 3 ID : 75189726905  
Option 4 ID : 75189726908  
Status : Answered  
Chosen Option : 1

Q.66 In which of the following years was the Wildlife Protection Act first implemented in India after independence?

- Ans  1. 1972  
 2. 1976  
 3. 1977  
 4. 1978

Question ID : 7518977547  
Option 1 ID : 75189730185  
Option 2 ID : 75189730186  
Option 3 ID : 75189730187  
Option 4 ID : 75189730188  
Status : Answered  
Chosen Option : 2

**Q.67** Select the number from among the given options that can replace the question mark (?) in the following series.

22, 21, 24, 19, 26, 17, 28, 15, ?

- Ans**
- 1. 2
  - 2. 32
  - 3. 34
  - 4. 30

Question ID : **7518978042**  
Option 1 ID : **75189732166**  
Option 2 ID : **75189732165**  
Option 3 ID : **75189732168**  
Option 4 ID : **75189732167**  
Status : **Answered**  
Chosen Option : **4**

**Q.68** In July 2022, which institution was upgraded by the Union Cabinet from a deemed-to-be-university to a Central University with its name as Gati Shakti University?

- Ans**
- 1. National Rail and Transportation Institute (NRTI)
  - 2. Institute of Road Transport (IRT)
  - 3. Institute of Road Traffic Education (IRTE)
  - 4. National Academy of Indian Railways (NAIR)

Question ID : **7518976786**  
Option 1 ID : **75189727143**  
Option 2 ID : **75189727144**  
Option 3 ID : **75189727142**  
Option 4 ID : **75189727141**  
Status : **Answered**  
Chosen Option : **1**

**Q.69** Which of the following is an example of neutralisation reaction?

- Ans**
- 1.  $\text{Fe(s)} + \text{CuSO}_4(\text{aq}) \rightarrow \text{FeSO}_4(\text{aq}) + \text{Cu(s)}$
  - 2.  $\text{NaOH(aq)} + \text{HCl(aq)} \rightarrow \text{NaCl(aq)} + \text{H}_2\text{O(l)}$
  - 3.  $\text{CuSO}_4(\text{aq}) + \text{BaCl}_2(\text{aq}) \rightarrow \text{BaSO}_4(\text{s}) + \text{CuCl}_2(\text{aq})$
  - 4.  $\text{Zn(s)} + \text{CuSO}_4(\text{aq}) \rightarrow \text{ZnSO}_4(\text{aq}) + \text{Cu(s)}$

Question ID : **7518973601**  
Option 1 ID : **75189714402**  
Option 2 ID : **75189714403**  
Option 3 ID : **75189714401**  
Option 4 ID : **75189714404**  
Status : **Answered**  
Chosen Option : **2**

**Q.70** Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statements:

I.  $N < S = R \geq O > M; N > C$

Conclusions:

I.  $N < M$

II.  $O \geq N$

- Ans**
- 1. Either conclusion I or II follows
  - 2. Neither conclusion I nor II follows
  - 3. Only conclusion II follows
  - 4. Only conclusion I follows

Question ID : 7518978976

Option 1 ID : 75189735901

Option 2 ID : 75189735902

Option 3 ID : 75189735904

Option 4 ID : 75189735903

Status : Answered

Chosen Option : 2

**Q.71** Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

In 2021, the government of country M regulated the fishing industry by announcing that each fisherman can take their boat for fishing only once a day.

Which of the following can be concluded from the given information?

I. The sale of fishing boats in country M will double in the coming years.

II. Fishermen with bigger boats will benefit more from this regulation as compared to those who have smaller boats.

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

Question ID : 7518979085

Option 1 ID : 75189736339

Option 2 ID : 75189736337

Option 3 ID : 75189736338

Option 4 ID : 75189736340

Status : Not Answered

Chosen Option : --

Q.72 Find the nature of the roots of  $2x^2 + 4 - 10x = 0$ .

- Ans
- 1. Real and distinct roots
  - 2. No real roots
  - 3. Real and equal roots
  - 4. Imaginary roots

Question ID : 7518975737  
Option 1 ID : 75189722947  
Option 2 ID : 75189722945  
Option 3 ID : 75189722946  
Option 4 ID : 75189722948

Status : Answered

Chosen Option : 1

Q.73 A certain number of people are sitting in a row, facing north. C sits fourth to the right of D. E sits third to the right of C. B sits third to the left of D. There are only two persons between E and A. If no other person is sitting in the row, what is the total number of persons seated?

- Ans
- 1. 14
  - 2. 18
  - 3. 16
  - 4. 10

Question ID : 7518978200  
Option 1 ID : 75189732799  
Option 2 ID : 75189732800  
Option 3 ID : 75189732797  
Option 4 ID : 75189732798

Status : Not Answered

Chosen Option : --

**Q.74** Three statements are given, followed by three conclusions numbered I, II and III. 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. Some men are gentle.
2. Some gentle are lovers.
3. All lovers are committed.

**Conclusions:**

- I. No committed is lover.
- II. Some gentle are committed.
- III. Some committed are men.

- Ans**
- 1. Only conclusions I follows
  - 2. Conclusions I and II follow
  - 3. Only conclusions II follows
  - 4. Conclusions II and III follow

Question ID : 7518977910  
Option 1 ID : 75189731637  
Option 2 ID : 75189731640  
Option 3 ID : 75189731638  
Option 4 ID : 75189731639

Status : Answered

Chosen Option : 3

**Q.75** Two numbers are in the ratio 7: 5. If their sum is 360, then the difference between them is:

- Ans**
- 1. 60
  - 2. 70
  - 3. 90
  - 4. 80

Question ID : 7518978663  
Option 1 ID : 75189734652  
Option 2 ID : 75189734651  
Option 3 ID : 75189734649  
Option 4 ID : 75189734650

Status : Answered

Chosen Option : 1



Q.76 Which of the following is a unicellular organism?

- Ans
- 1. Cuscuta
  - 2. Paramecium
  - 3. Lice
  - 4. Bread mould

Question ID : 7518977819  
Option 1 ID : 75189731273  
Option 2 ID : 75189731274  
Option 3 ID : 75189731276  
Option 4 ID : 75189731275  
Status : Not Answered  
Chosen Option : --

Q.77 Which river system's tributaries are Purna and Girna Rivers?

- Ans
- 1. Kaveri
  - 2. Tapti
  - 3. Godavari
  - 4. Narmada

Question ID : 7518973909  
Option 1 ID : 75189715636  
Option 2 ID : 75189715635  
Option 3 ID : 75189715634  
Option 4 ID : 75189715633  
Status : Not Answered  
Chosen Option : --

Q.78 How many stars (hotter than the sun) did an Indian team led by Barnali Das discover in the year 2021?

- Ans
- 1. 8
  - 2. 2
  - 3. 10
  - 4. 5

Question ID : 7518977156  
Option 1 ID : 75189728623  
Option 2 ID : 75189728621  
Option 3 ID : 75189728624  
Option 4 ID : 75189728622  
Status : Not Answered  
Chosen Option : --

**Q.79** The banknotes of denomination of \_\_\_\_ introduced in the Mahatma Gandhi (New) Series post demonetisation (2016) have an image of Mangalyaan representing India's first interplanetary space mission.

- Ans**
- 1. ₹200
  - 2. ₹50
  - 3. ₹2000
  - 4. ₹500

Question ID : 7518978553  
 Option 1 ID : 75189734211  
 Option 2 ID : 75189734212  
 Option 3 ID : 75189734209  
 Option 4 ID : 75189734210  
 Status : Answered  
 Chosen Option : 3

**Q.80** Of those listed below, which is the LEAST spoken language in the country as per the Census of India 2011?

- Ans**
- 1. Marathi
  - 2. Bengali
  - 3. Telugu
  - 4. Tamil

Question ID : 7518978529  
 Option 1 ID : 75189734114  
 Option 2 ID : 75189734113  
 Option 3 ID : 75189734115  
 Option 4 ID : 75189734116  
 Status : Answered  
 Chosen Option : 2

**Q.81** In this question, a group of numbers is coded using letters/symbols as per the table given below, and the conditions that follow. The correct combination of codes following the conditions is your answer.

Number/Digit	3	2	1	6	5	4	9	8	7
Code	@	A	#	S	S	F	%	G	&

Conditions:  
 1. If the first as well as the last digit is odd, both are to be coded as =.  
 2. If the first as well as the last digit is even, their codes are to be swapped.  
 What will be the code for 8546372?

- Ans**
- 1. GSFS@&A
  - 2. ASFS&@G
  - 3. ASFS@&G
  - 4. GSF@S&A

Question ID : 7518979015  
 Option 1 ID : 75189736058  
 Option 2 ID : 75189736057  
 Option 3 ID : 75189736060  
 Option 4 ID : 75189736059  
 Status : Answered  
 Chosen Option : 1

**Q.82** Train A running at a speed of 63 km/h takes 21 seconds to completely cross train B running at 45 km/h in the opposite direction. The length of train B is 2.5 times the length of train A. Train B crosses a bridge completely in 76 seconds. The length of the bridge (in m) is:

- Ans**
- 1. 880
  - 2. 660
  - 3. 480
  - 4. 500

Question ID : 7518978398

Option 1 ID : 75189733592

Option 2 ID : 75189733591

Option 3 ID : 75189733589

Option 4 ID : 75189733590

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.83** Which of the following is the female reproductive part of a flower?

- Ans**
- 1. Sepal
  - 2. Pistil
  - 3. Petal
  - 4. Stamen

Question ID : 7518977850

Option 1 ID : 75189731400

Option 2 ID : 75189731398

Option 3 ID : 75189731397

Option 4 ID : 75189731399

Status : Answered

Chosen Option : 2

**Q.84** Raghav starts from Point A and drives 20 km towards the north. He then takes a right turn, drives 40 km, turns right and drives 50 km. He then takes a right turn and drives 120 km. He takes a final right turn, drives 30 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P in a straight line? (All turns are 90 degree turns only)

- Ans**
- 1. 80 km towards the west
  - 2. 120 km towards the south
  - 3. 100 km towards the west
  - 4. 80 km towards the east

Question ID : 7518978283

Option 1 ID : 75189733129

Option 2 ID : 75189733132

Option 3 ID : 75189733130

Option 4 ID : 75189733131

Status : Answered

Chosen Option : 4

Q.85 Lymph transports digested and absorbed intestinal \_\_\_\_\_.

- Ans
- 1. carbohydrates
  - 2. enzymes
  - 3. fats
  - 4. proteins

Question ID : 7518974399  
Option 1 ID : 75189717593  
Option 2 ID : 75189717596  
Option 3 ID : 75189717595  
Option 4 ID : 75189717594  
Status : Answered  
Chosen Option : 1

Q.86 Which is the seven-day long festival celebrated in the north-eastern state of Assam that marks the beginning of the Assamese New Year?

- Ans
- 1. Moatsu Festival
  - 2. Dehing Patkai Festival
  - 3. Bohag Bihu Festival
  - 4. Majuli Festival

Question ID : 7518974003  
Option 1 ID : 75189716012  
Option 2 ID : 75189716011  
Option 3 ID : 75189716010  
Option 4 ID : 75189716009  
Status : Answered  
Chosen Option : 3

Q.87 When a piece of limestone reacts with dilute HCl, a gas X is produced. When gas X is passed through lime water, a white precipitate Y is formed. On passing excess of gas X, the white precipitate dissolves, forming a soluble compound Z. X, Y and Z, respectively, are:

- Ans
- 1.  $\text{CO}_2$ ,  $\text{CaCO}_3$ ,  $\text{Ca}(\text{OH})_2$
  - 2.  $\text{CO}_2$ ,  $\text{CaCO}_3$ ,  $\text{CaO}$
  - 3.  $\text{CO}_2$ ,  $\text{CaCO}_3$ ,  $\text{Ca}(\text{HCO}_3)_2$
  - 4.  $\text{CO}_2$ ,  $\text{Ca}(\text{HCO}_3)_2$ ,  $\text{CaCO}_3$

Question ID : 7518973623  
Option 1 ID : 75189714492  
Option 2 ID : 75189714491  
Option 3 ID : 75189714489  
Option 4 ID : 75189714490  
Status : Not Answered  
Chosen Option : --

Q.88 How are the products of photosynthesis transported from leaves to other parts of the plant?

- Ans
- 1. Through the phloem
  - 2. Through the tracheid
  - 3. Through the xylem
  - 4. Through the stomata

Question ID : 7518977799  
Option 1 ID : 75189731194  
Option 2 ID : 75189731195  
Option 3 ID : 75189731193  
Option 4 ID : 75189731196  
Status : Answered  
Chosen Option : 3

Q.89 A diverging mirror of focal length 20 cm forms an image one-third the size of the object. At what distance from the mirror is the object located?

- Ans
- 1. -40 cm
  - 2. -20 cm
  - 3. -10 cm
  - 4. -5 cm

Question ID : 7518975386  
Option 1 ID : 75189721541  
Option 2 ID : 75189721542  
Option 3 ID : 75189721543  
Option 4 ID : 75189721544  
Status : Not Answered  
Chosen Option : --

Q.90 The areas of three adjacent faces of a solid cuboid are  $66 \text{ cm}^2$ ,  $108 \text{ cm}^2$  and  $198 \text{ cm}^2$ . What is the volume (in  $\text{cm}^3$ ) of the cuboid?

- Ans
- 1. 594
  - 2. 1188
  - 3. 1782
  - 4. 891

Question ID : 7518978470  
Option 1 ID : 75189733877  
Option 2 ID : 75189733879  
Option 3 ID : 75189733880  
Option 4 ID : 75189733878  
Status : Not Answered  
Chosen Option : --

Q.91 The Modern Periodic Table consists of \_\_\_\_\_ groups and \_\_\_\_\_ periods, respectively.

- Ans
- 1. 6; 17
  - 2. 18; 7
  - 3. 7; 18
  - 4. 17; 6

Question ID : 7518973514  
 Option 1 ID : 75189714054  
 Option 2 ID : 75189714055  
 Option 3 ID : 75189714053  
 Option 4 ID : 75189714056  
 Status : Answered  
 Chosen Option : 2

Q.92 If the mean of the following data is 18, then the value of  $X$  is:

$x_i$	10	15	20	25
$f_i$	5	$X$	7	8

- Ans
- 1. 13
  - 2. 10
  - 3. 9
  - 4. 11

Question ID : 7518978416  
 Option 1 ID : 75189733664  
 Option 2 ID : 75189733662  
 Option 3 ID : 75189733661  
 Option 4 ID : 75189733663  
 Status : Answered  
 Chosen Option : 2

Q.93 A can complete a piece of work in 35 days. B is 30% less efficient than A. C is 25% more efficient than B. B and C work together for 10 days. A alone will complete the remaining work in:

- Ans
- 1. 20 days
  - 2.  $18\frac{1}{2}$  days
  - 3. 18 days
  - 4.  $19\frac{1}{4}$  days

Question ID : 7518978402  
 Option 1 ID : 75189733608  
 Option 2 ID : 75189733606  
 Option 3 ID : 75189733605  
 Option 4 ID : 75189733607  
 Status : Answered  
 Chosen Option : 4

Q.94 The famous Jagannath Temple is located in which of the following cities?

- Ans
- 1. Varanasi
  - 2. Ayodhya
  - 3. Madurai
  - 4. Puri

Question ID : 7518974200  
Option 1 ID : 75189716800  
Option 2 ID : 75189716799  
Option 3 ID : 75189716797  
Option 4 ID : 75189716798  
Status : Answered  
Chosen Option : 4

Q.95 The diagonals of a rhombus shaped field are 96 m and 110 m long. What is the perimeter (in m) of the field?

- Ans
- 1. 288
  - 2. 296
  - 3. 292
  - 4. 300

Question ID : 7518978465  
Option 1 ID : 75189733857  
Option 2 ID : 75189733859  
Option 3 ID : 75189733858  
Option 4 ID : 75189733860  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

Q.96 Refer to the following letter, number, symbol series and answer the question.

(Left) K & ^ 5 G T S P T & B 4 @ 3 # 1 A 3 P H 9 L (Right)

If all symbols are dropped from the series, which of the following will be ninth from the right?

- Ans
- 1. B
  - 2. 3
  - 3. T
  - 4. 4

Question ID : 7518979159  
Option 1 ID : 75189736633  
Option 2 ID : 75189736636  
Option 3 ID : 75189736634  
Option 4 ID : 75189736635  
Status : Answered  
Chosen Option : 4

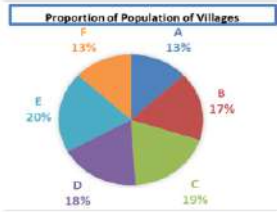


**Q.97** Study the following pie-chart and the table and answer the question based on them.

Table : Percentage of population below poverty line in six villages in 2021

Village	Percentage of population below poverty line
A	30%
B	34%
C	32%
D	28%
E	27%
F	36%

**Pie Chart: Proportion of population of villages in 2021**



If the population of village D in 2021 is 70,200, then what will be the population of village F below poverty line in that year?

- Ans**
- 1. 16,254
  - 2. 18,252
  - 3. 17,560
  - 4. 19,656

Question ID : 7518979063  
 Option 1 ID : 75189736252  
 Option 2 ID : 75189736250  
 Option 3 ID : 75189736251  
 Option 4 ID : 75189736249  
 Status : Answered  
 Chosen Option : 2

**Q.98** Which of the following terms will replace the question mark (?) and complete the given alpha-numeric series?

Y35, T55, P80, MI15, ?

- Ans**
- 1. K170
  - 2. K160
  - 3. K150
  - 4. L170

Question ID : 7518977647  
 Option 1 ID : 75189730585  
 Option 2 ID : 75189730587  
 Option 3 ID : 75189730588  
 Option 4 ID : 75189730586  
 Status : Answered  
 Chosen Option : 3

Q.99 A ADC generator is based on the principle of:

- Ans
- 1. heating effect of current
  - 2. magnetic effect of current
  - 3. electromagnetic induction
  - 4. inductive effect

Question ID : 7518978161  
Option 1 ID : 75189732641  
Option 2 ID : 75189732642  
Option 3 ID : 75189732643  
Option 4 ID : 75189732644  
Status : Answered  
Chosen Option : 4

Q.100 If a discount of 10% is given on the marked price of a book, the bookseller gains 20%. If the discount is increased to 12.5%, then what is the gain percent of the bookseller?

- Ans
- 1.  $17\frac{2}{3}\%$
  - 2.  $18\frac{2}{3}\%$
  - 3.  $16\frac{2}{3}\%$
  - 4.  $15\frac{2}{3}\%$

Question ID : 7518976283  
Option 1 ID : 75189725130  
Option 2 ID : 75189725129  
Option 3 ID : 75189725131  
Option 4 ID : 75189725132  
Status : Answered  
Chosen Option : 3