



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.

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 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 Ω and 2.5 Ω , 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

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 : --

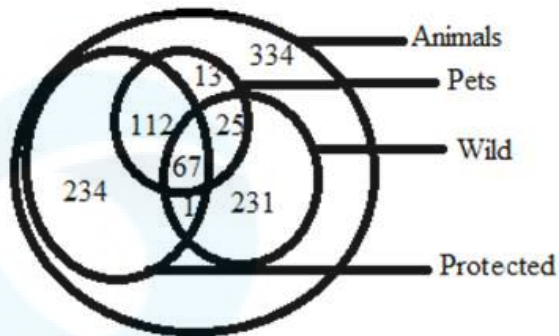
Q.8 Indian economy on the eve of independence was:

- 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 α, β ($\alpha > \beta$) 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 cm³
☒ 2. 6600 cm³
☐ 3. 8800 cm³
☐ 4. 7700 cm³

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 श्रृंखला 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 श्रृंखला 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?

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

- 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?

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

- 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

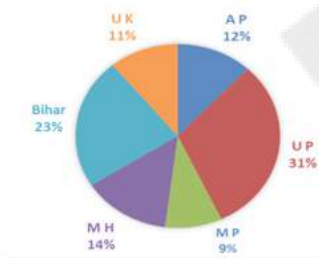
Option 3 ID : 75189724300

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° 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° , does not lie
 - ☒ 2. more than 30° , lies
 - ☒ 3. less than 30° , does not lie
 - ☒ 4. less than 30° , 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.

P 5 & 8 V O 9 # T 6 H S 7 F W * I L N 4 ? 2 / C U Q ! J 3 > 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. Tapi
 - ☒ 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. CO_2 , CaCO_3 , $\text{Ca}(\text{OH})_2$
 - ☐ 2. CO_2 , CaCO_3 , CaO
 - ☒ 3. CO_2 , CaCO_3 , $\text{Ca}(\text{HCO}_3)_2$
 - ☐ 4. CO_2 , $\text{Ca}(\text{HCO}_3)_2$, 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 cm^2 , 108 cm^2 and 198 cm^2 . What is the volume (in 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**

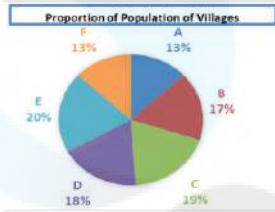
Chosen Option : **4**

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	35%

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 DC 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