



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	GITA Autonomous College
Test Date	28/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

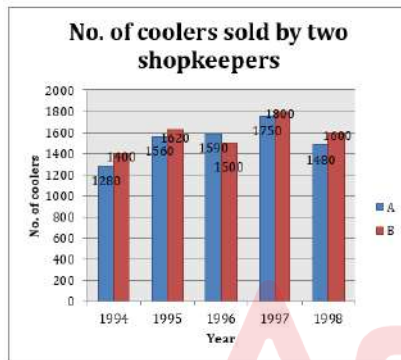
* Note

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 The following bar graph shows the number of coolers sold by shopkeepers A and B in different years. Study the graph and answer the question that follows.



The total number of coolers sold by shopkeeper B in 1995 and 1998 together is approximately what percentage more/less than the total number of coolers sold by the shopkeeper A in 1996 and 1997 together?

- Ans 1. 4% less
 2. 6% more
 3. 6% less
 4. 4% more

Question ID : 75189713731

Option 1 ID : 75189754921

Option 2 ID : 75189754924

Option 3 ID : 75189754923

Option 4 ID : 75189754922

Status : Answered

Chosen Option : 1

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Q.2 Which two numbers from amongst the given options should be interchanged to make the given equation correct?

$$87 \times 122 - 369 - 13 + 2 = 701$$

- Ans
- 1. 369 and 2
 - 2. 122 and 13
 - 3. 87 and 2
 - 4. 87 and 13

Question ID : 75189714126
Option 1 ID : 75189756502
Option 2 ID : 75189756501
Option 3 ID : 75189756503
Option 4 ID : 75189756504
Status : Answered
Chosen Option : 2

Q.3 If a solid sphere of radius 10 cm is melted into 8 spherical solid balls of equal radius, then what will be the surface area of each such ball? [Use $\pi = \frac{22}{7}$]

- Ans
- 1. $319\frac{1}{7} \text{ cm}^2$
 - 2. $314\frac{2}{7} \text{ cm}^2$
 - 3. $335\frac{5}{7} \text{ cm}^2$
 - 4. $324\frac{3}{7} \text{ cm}^2$

Question ID : 75189712862
Option 1 ID : 75189751446
Option 2 ID : 75189751445
Option 3 ID : 75189751448
Option 4 ID : 75189751447
Status : Answered
Chosen Option : 2

Q.4 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /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)

(1, 6, 4)
(3, 15, 9)

- Ans
- 1. (10, 33, 11)
 - 2. (3, 18, 8)
 - 3. (9, 25, 7)
 - 4. (2, 16, 8)

Question ID : 75189711418
Option 1 ID : 75189745671
Option 2 ID : 75189745672
Option 3 ID : 75189745670
Option 4 ID : 75189745669
Status : Answered
Chosen Option : 3

Q.5 A mixture of sodium bicarbonate and a mild edible acid is known as _____.

- Ans
- 1. baking soda
 - 2. bleaching powder
 - 3. baking powder
 - 4. washing soda

Question ID : 75189712801
Option 1 ID : 75189751201
Option 2 ID : 75189751203
Option 3 ID : 75189751202
Option 4 ID : 75189751204
Status : Answered
Chosen Option : 3

Q.6 An electric motor is a device used for converting electrical energy into _____ energy.

- Ans
- 1. Light
 - 2. mechanical
 - 3. Heat
 - 4. Magnetic

Question ID : 75189713874
Option 1 ID : 75189755495
Option 2 ID : 75189755496
Option 3 ID : 75189755494
Option 4 ID : 75189755493
Status : Answered
Chosen Option : 2

Q.7 The position of how many letters will remain unchanged if each of the letters in the word FLAGSTONE is arranged in alphabetical order?

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

Question ID : 7518974792
Option 1 ID : 75189719165
Option 2 ID : 75189719166
Option 3 ID : 75189719167
Option 4 ID : 75189719168
Status : Answered
Chosen Option : 2

Q.8 Which of the following festivals is associated with Jharkhand?

- Ans
- 1. Losar
 - 2. Chavang Kut
 - 3. Tusu
 - 4. Saga Dawa

Question ID : 75189713991
Option 1 ID : 75189755964
Option 2 ID : 75189755961
Option 3 ID : 75189755962
Option 4 ID : 75189755963
Status : Answered
Chosen Option : 3

Q.9 The roots of the quadratic equation $x + \frac{20}{x} = 9$ are:

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

Question ID : 75189712842
Option 1 ID : 75189751365
Option 2 ID : 75189751366
Option 3 ID : 75189751367
Option 4 ID : 75189751368
Status : Answered
Chosen Option : 1

Q.10 In Dobereiner's Triads, elements were written as:

- Ans
- 1. Moving from left to right with increasing atomic masses
 - 2. down the group with decreasing atomic masses
 - 3. down the group with increasing atomic masses
 - 4. Moving from left to right with decreasing atomic masses

Question ID : 75189715033
Option 1 ID : 75189760131
Option 2 ID : 75189760130
Option 3 ID : 75189760129
Option 4 ID : 75189760132
Status : Marked For Review
Chosen Option : 3

Q.11 Nilesh bought some quantity of barley for ₹5,000. Half of it is sold at a profit of 20%. If Nilesh wishes to make a profit of 15% on the whole, find the selling price (in ₹) of the remaining barley.

- Ans
- 1. 2,500
 - 2. 3,250
 - 3. 2,750
 - 4. 3,000

Question ID : 75189713312
Option 1 ID : 75189753248
Option 2 ID : 75189753247
Option 3 ID : 75189753245
Option 4 ID : 75189753246
Status : Answered
Chosen Option : 3

Q.12 'Equality of opportunity in matters of public employment' as a Fundamental Right in the Indian Constitution is given in which Article of the Constitution?

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

Question ID : 75189712422
Option 1 ID : 75189749688
Option 2 ID : 75189749687
Option 3 ID : 75189749685
Option 4 ID : 75189749686
Status : Marked For Review
Chosen Option : 2

Q.13 If '+' means '×', '-' means '+', '×' means '-', and '-' means '+', what will come in place of the question mark (?) in the following equation?

$$4 \times 5 + 3 + 16 - 1 = ?$$

- Ans**
- 1. 10
 - 2. 12
 - 3. 8
 - 4. 5

Question ID : 75189713073

Option 1 ID : 75189752289

Option 2 ID : 75189752290

Option 3 ID : 75189752291

Option 4 ID : 75189752292

Status : Answered

Chosen Option : 4

Q.14 Identify the correct statement(s) with respect to the reflection of light by a spherical mirror from among the following.

- (a) A convex mirror can only form real and inverted images.
- (b) A concave mirror can form real, inverted and virtual, erect images.
- (c) Images formed by convex mirrors are either diminished, same size or enlarged depending on the position of object.
- (d) Images formed by concave mirrors are either diminished, same size or enlarged depending on the position of the object.

- Ans**
- 1. (b) and (d) are only correct
 - 2. (a) and (c) are only correct
 - 3. (b) and (c) are only correct
 - 4. (a) and (d) are only correct

Question ID : 75189714504

Option 1 ID : 75189758014

Option 2 ID : 75189758013

Option 3 ID : 75189758016

Option 4 ID : 75189758015

Status : Answered

Chosen Option : 1

Q.15 To which of the following communities living in western Rajasthan on the border of the Thar desert has conservation of forest and wildlife been a religious tenet?

- Ans**
- 1. Bhil community
 - 2. Vaishya community
 - 3. Bishnoi community
 - 4. Chhipa community

Question ID : 75189710307

Option 1 ID : 75189741227

Option 2 ID : 75189741226

Option 3 ID : 75189741225

Option 4 ID : 75189741228

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

Chosen Option : --

Q.16 A certain number of people are sitting in a straight line facing north. Only three people are sitting between D and I. There are only two people sitting between K and O. I is sitting to the immediate left of O. No one is sitting to the left of D. Only one person is sitting to the right of O. How many people are sitting in the row?

- Ans**
- 1. 6
 - 2. 5
 - 3. 8
 - 4. 7

Question ID : 75189714184

Option 1 ID : 75189756736

Option 2 ID : 75189756734

Option 3 ID : 75189756735

Option 4 ID : 75189756733

Status : **Answered**

Chosen Option : 4

Q.17 Six teachers are sitting around a circular table facing the centre. Ruhi is sitting second to the left of Sophie. Gautam is sitting third to the right of Dinesh. Preeti is an immediate neighbour of both Sophie and Gautam. Mary is sitting to the immediate left of Ruhi. Who is an immediate neighbour of both Ruhi and Sophie?

- Ans**
- 1. Gautam
 - 2. Preeti
 - 3. Dinesh
 - 4. Mary

Question ID : 75189713010

Option 1 ID : 75189752040

Option 2 ID : 75189752038

Option 3 ID : 75189752039

Option 4 ID : 75189752037

Status : **Answered**

Chosen Option : 3

Q.18 After formation of the Janata Party government at Centre, which of the following multinationals shut its India operations due to compliance issue with the Foreign Exchange Regulation Act that mandated foreign investors cannot own over 40% in Indian enterprises?

- Ans**
- 1. Unilever
 - 2. Colgate-Palmolive
 - 3. Nestle
 - 4. Coca-Cola

Question ID : 75189712395

Option 1 ID : 75189749578

Option 2 ID : 75189749579

Option 3 ID : 75189749580

Option 4 ID : 75189749577

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

Chosen Option : --

Q.19 Three resistors of 12 ohm, 16 ohm and 48 ohm are connected in parallel. What is the net resistance?

- Ans**
- 1. 1/6 ohm
 - 2. 6 ohm
 - 3. 76 ohm
 - 4. 1/76 ohm

Question ID : 75189713812

Option 1 ID : 75189755247

Option 2 ID : 75189755245

Option 3 ID : 75189755246

Option 4 ID : 75189755248

Status : **Answered**

Chosen Option : 2

Q.20 Which of the following is a saturated hydrocarbon?

- Ans**
- 1. Benzene
 - 2. Acetylene
 - 3. Ethane
 - 4. Ethene

Question ID : 75189714657

Option 1 ID : 75189758627

Option 2 ID : 75189758628

Option 3 ID : 75189758625

Option 4 ID : 75189758626

Status : **Marked For Review**

Chosen Option : 3

Q.21 What is the name of India's first privately developed fully cryogenic rocket engine?

- Ans 1. Dhawan-1
 2. Kalam-1
 3. Sarabhai-1
 4. Bhabha-1

Question ID : 75189712440
Option 1 ID : 75189749757
Option 2 ID : 75189749758
Option 3 ID : 75189749759
Option 4 ID : 75189749760
Status : Marked For Review
Chosen Option : 2

Q.22 A man spends 30% of his salary on groceries, and is left with ₹3,500. Find his total salary.

- Ans 1. ₹5,000
 2. ₹5,500
 3. ₹11,000
 4. ₹6,000

Question ID : 75189713290
Option 1 ID : 75189753159
Option 2 ID : 75189753160
Option 3 ID : 75189753157
Option 4 ID : 75189753158
Status : Answered
Chosen Option : 1

Q.23 The Ministry of Labour and Employment has developed eSHRAM portal for _____.

- Ans 1.
creating a National Database of Unorganised Workers (NDUW)
 2.
creating a National Database of Organised Workers (NDOW)
 3.
creating a National Database of Public Sector Undertakings Workers (NDPSUW)
 4.
creating a National Database of Government Workers (NDGW)

Question ID : 75189712351
Option 1 ID : 75189749402
Option 2 ID : 75189749401
Option 3 ID : 75189749404
Option 4 ID : 75189749403
Status : Not Attempted and
Marked For Review
Chosen Option : --

Q.24 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Bears are Teddies.
Some Rabbits are Teddies.
All Rabbits are Soft.

Conclusions:

(I) Some Rabbits are Bears.
(II) All Teddies are Soft.

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

Question ID : 75189714607

Option 1 ID : 75189758428

Option 2 ID : 75189758426

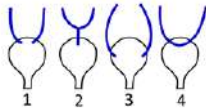
Option 3 ID : 75189758425

Option 4 ID : 75189758427

Status : Answered

Chosen Option : 1

Q.25 Which of the following diagrams depicts the positions of the ureters (shown as blue lines) and the urinary bladder in the human excretory system?



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

Question ID : 75189710103

Option 1 ID : 75189740410

Option 2 ID : 75189740409

Option 3 ID : 75189740412

Option 4 ID : 75189740411

Status : Marked For Review

Chosen Option : 2

Q.26 What is covered under 'Maternal Health'?

- Ans
- 1. Care during prenatal, natal and post-natal period
 - 2. Care of all new mothers (after childbirth)
 - 3. Care of pregnant woman
 - 4. Care during pregnancy and childbirth

Question ID : 75189712286

Option 1 ID : 75189749144

Option 2 ID : 75189749142

Option 3 ID : 75189749141

Option 4 ID : 75189749143

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

Chosen Option : --

Q.27 A cyclist covered a distance of 900 km in 25 hours. What is the speed of the cyclist (in m/s)?

- Ans
- 1. 9
 - 2. 11
 - 3. 10
 - 4. 8

Question ID : 75189712975

Option 1 ID : 75189751898

Option 2 ID : 75189751899

Option 3 ID : 75189751900

Option 4 ID : 75189751897

Status : **Answered**

Chosen Option : 3

Q.28 If α and β are the roots of the equation $x^2 + 5x + 6 = 0$, then the value of $\alpha\beta - \left(\frac{1}{\alpha} + \frac{1}{\beta}\right)$ is:

- Ans
- 1. $-\frac{31}{6}$
 - 2. $\frac{31}{6}$
 - 3. $\frac{41}{6}$
 - 4. $-\frac{41}{6}$

Question ID : 75189712850

Option 1 ID : 75189751400

Option 2 ID : 75189751398

Option 3 ID : 75189751397

Option 4 ID : 75189751399

Status : **Answered**

Chosen Option : 3

Q.29 The compound interest on ₹30,000 in 2 years at 7% rate of interest per annum compounded annually is:

- Ans
- 1. ₹2,347
 - 2. ₹3,347
 - 3. ₹4,347
 - 4. ₹3,777

Question ID : 75189713423
Option 1 ID : 75189753691
Option 2 ID : 75189753689
Option 3 ID : 75189753690
Option 4 ID : 75189753692
Status : Answered
Chosen Option : 3

Q.30 In the word 'BACKGROUND', if each vowel is changed to the letter immediately following it and each consonant is changed to the letter immediately following it in the English alphabetical order, then how many vowels will be there in the group of letters thus formed?

- Ans
- 1. Three
 - 2. Two
 - 3. None
 - 4. One

Question ID : 75189713568
Option 1 ID : 75189754271
Option 2 ID : 75189754270
Option 3 ID : 75189754272
Option 4 ID : 75189754269
Status : Answered
Chosen Option : 2

Q.31 If the measures of the angles of a quadrilateral taken in order are in the ratio 1 : 3 : 1 : 3, then the quadrilateral is a:

- Ans
- 1. trapezium, but not a parallelogram
 - 2. rectangle
 - 3. parallelogram
 - 4. square

Question ID : 75189712879
Option 1 ID : 75189751514
Option 2 ID : 75189751516
Option 3 ID : 75189751515
Option 4 ID : 75189751513
Status : Marked For Review
Chosen Option : 3

Q.32 Find x and y in the equivalent fraction given below.

$$\frac{x}{9} = \frac{105}{63} = \frac{5}{y}$$

- Ans
- 1. $x = 3, y = 5$
 - 2. $x = 15, y = 9$
 - 3. $x = 12, y = 3$
 - 4. $x = 15, y = 3$

Question ID : 75189713263

Option 1 ID : 75189753049

Option 2 ID : 75189753051

Option 3 ID : 75189753050

Option 4 ID : 75189753052

Status : Answered

Chosen Option : 4

Q.33 Which of the following is the only permanent unit in the Panchayati Raj System?

- Ans
- 1. Panchayat Samiti
 - 2. Zila Parishad
 - 3. Nagar Panchayat
 - 4. Gram Sabha

Question ID : 75189714026

Option 1 ID : 75189756101

Option 2 ID : 75189756103

Option 3 ID : 75189756104

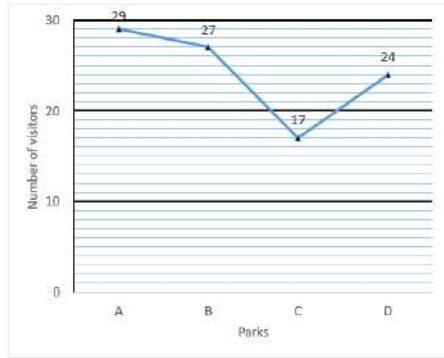
Option 4 ID : 75189756102

Status : Answered

Chosen Option : 1

Q.34 Study the given line graph and answer the following question.

The given line graph depicts the number of visitors in four parks – A, B, C and D.



If out of the total number of visitors in parks A and C, 50% were females, what was the total number of male visitors in parks A and C?

- Ans**
- 1. 23
 - 2. 18
 - 3. 20
 - 4. 21

Question ID : 75189712724
 Option 1 ID : 75189750894
 Option 2 ID : 75189750896
 Option 3 ID : 75189750895
 Option 4 ID : 75189750893
 Status : Answered
 Chosen Option : 1

Q.35 Which of the following is divisible by 17?

- Ans**
- 1. 1887
 - 2. 2989
 - 3. 991
 - 4. 2022

Question ID : 75189712918
 Option 1 ID : 75189751670
 Option 2 ID : 75189751672
 Option 3 ID : 75189751669
 Option 4 ID : 75189751671
 Status : Answered
 Chosen Option : 1

Q.36 If each of the letters in the word 'LEUCOMA' is arranged in alphabetical order, how many letters are there in the English alphabetical order between the letters which is third from the left and the one which is second from the right?

- Ans**
- 1. Eight
 - 2. Seven
 - 3. Nine
 - 4. Ten

Question ID : 75189713560
Option 1 ID : 75189754239
Option 2 ID : 75189754240
Option 3 ID : 75189754237
Option 4 ID : 75189754238
Status : Answered
Chosen Option : 3

Q.37 The physical quantity having a unit of volt/ampere is _____.

- Ans**
- 1. work
 - 2. current
 - 3. charge
 - 4. resistance

Question ID : 75189713785
Option 1 ID : 75189755139
Option 2 ID : 75189755137
Option 3 ID : 75189755138
Option 4 ID : 75189755140
Status : Answered
Chosen Option : 4

Q.38 In a row of people standing in a waiting area, facing North, Hari stands seventh from the left end of the row and there are three people between him and the person standing at the exact centre of the row. How many people are standing in the row?

- Ans**
- 1. 18
 - 2. 20
 - 3. 21
 - 4. 15

Question ID : 75189714720
Option 1 ID : 75189758879
Option 2 ID : 75189758877
Option 3 ID : 75189758878
Option 4 ID : 75189758880
Status : Answered
Chosen Option : 3

Q.39 This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Eating junk food is not good for health.

Arguments:

I. Junk food has high amount of fats, chemical additives and sodium leading to obesity.

II. High intake of sugars and fats tend to suppress the function of the brain that helps in learning and memory formation.

- Ans**
- 1. I weakens while II strengthens the statement.
 - 2. Both I and II weaken the statement.
 - 3. Both I and II strengthen the statement.
 - 4. II weakens while I strengthens the statement.

Question ID : 75189713927

Option 1 ID : 75189755705

Option 2 ID : 75189755707

Option 3 ID : 75189755708

Option 4 ID : 75189755706

Status : Answered

Chosen Option : 4

Q.40 The homologue of ethanol is _____.

- Ans**
- 1. methanol
 - 2. propanal
 - 3. ethane
 - 4. ethanal

Question ID : 75189714663

Option 1 ID : 75189758649

Option 2 ID : 75189758651

Option 3 ID : 75189758652

Option 4 ID : 75189758650

Status : Answered

Chosen Option : 1

Q.41 If a coin is placed at the bottom of a tumbler of height 30 cm filled with water of refractive index 1.33, then the apparent depth of the coin appears to be:

- Ans**
- 1. 39.9 cm
 - 2. 25.7 cm
 - 3. 36.7 cm
 - 4. 22.6 cm

Question ID : 75189711311

Option 1 ID : 75189745241

Option 2 ID : 75189745243

Option 3 ID : 75189745244

Option 4 ID : 75189745242

Status : Marked For Review

Chosen Option : 1

Q.42 In Assembly Election 2022, how many seats did Aam Aadmi Party win in Punjab?

- Ans
- 1. 94
 - 2. 95
 - 3. 92
 - 4. 93

Question ID : 75189710603
Option 1 ID : 75189742411
Option 2 ID : 75189742412
Option 3 ID : 75189742409
Option 4 ID : 75189742410
Status : Answered
Chosen Option : 4

Q.43 While playing a game, P is standing to the south of D, who is to the west of A, who is to the north of J. If P exchanges his position with A, then what is the direction of J with respect to P?

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

Question ID : 75189711413
Option 1 ID : 75189745650
Option 2 ID : 75189745649
Option 3 ID : 75189745652
Option 4 ID : 75189745651
Status : Answered
Chosen Option : 1

Q.44 Shalika walked 15 km towards south from her house, then she turned towards east and covered a distance of 10 km. She then turned north and covered a distance of 25 km. Finally turning west, she covered a distance of 15 km. In which direction is she from her house now?

(All turns are 90° turns only)

- Ans
- 1. North-west
 - 2. North-east
 - 3. South-east
 - 4. South-west

Question ID : 75189713113
Option 1 ID : 75189752452
Option 2 ID : 75189752450
Option 3 ID : 75189752451
Option 4 ID : 75189752449
Status : Answered
Chosen Option : 1

Q.45 Refer to the given number, symbol series and answer the question that follows.

(Left) ¥ 1 λ 2 5 S 2 # 1 & 2 3 € 1 5 6 % ¥ 2 @ 6 (Right)

How many such symbols are there, each of which is immediately preceded by a symbol and also immediately followed by a number?

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

Question ID : 75189714548
 Option 1 ID : 75189758191
 Option 2 ID : 75189758192
 Option 3 ID : 75189758189
 Option 4 ID : 75189758190
 Status : Answered
 Chosen Option : 4

Q.46 A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $E \leq D < K = A > P > Z$

- Ans**
- 1. $Z = E$
 - 2. $A \geq Z$
 - 3. $P > D$
 - 4. $A > E$

Question ID : 7518978215
 Option 1 ID : 75189732857
 Option 2 ID : 75189732860
 Option 3 ID : 75189732858
 Option 4 ID : 75189732859
 Status : Answered
 Chosen Option : 4

Q.47 P, Q, R, S, T and U are six friends sitting around a circular table, facing the centre of the table in a café. S is seated third to the right of U. Q is the immediate neighbour of U and P. T is seated to the immediate left of S. Who are the immediate neighbours of R?

- Ans**
- 1. U and T
 - 2. Q and U
 - 3. T and S
 - 4. P and S

Question ID : 75189714581
 Option 1 ID : 75189758322
 Option 2 ID : 75189758324
 Option 3 ID : 75189758321
 Option 4 ID : 75189758323
 Status : Answered
 Chosen Option : 1

Q.48 Which of the following numbers will replace the question mark (?) in the given series?

3 11 20 28 37 ?

Ans ✓ 1. 45

✗ 2. 55

✗ 3. 54

✗ 4. 44

Question ID : 75189712705

Option 1 ID : 75189750819

Option 2 ID : 75189750818

Option 3 ID : 75189750820

Option 4 ID : 75189750817

Status : Answered

Chosen Option : 1

Q.49 Simplify $3x(x + 2) - 5x(x - 3) + 7$.

Ans ✓ 1. $-2x^2 + 21x + 7$

✗ 2. $2x^2 + 11x + 7$

✗ 3. $2x^2 + 21x + 7$

✗ 4. $-2x^2 + 21x + 6$

Question ID : 75189712059

Option 1 ID : 75189748236

Option 2 ID : 75189748233

Option 3 ID : 75189748235

Option 4 ID : 75189748234

Status : Answered

Chosen Option : 1

Q.50 The product of the LCM and the HCF of 18 and 25 is:

Ans ✗ 1. 465

✗ 2. 270

✓ 3. 450

✗ 4. 360

Question ID : 75189712931

Option 1 ID : 75189751724

Option 2 ID : 75189751721

Option 3 ID : 75189751723

Option 4 ID : 75189751722

Status : Answered

Chosen Option : 3

Q.51 Which of the following chemicals are known to deplete the ozone layer in the atmosphere?

- Ans
- 1. SO_2
 - 2. NO_2
 - 3. CFCs
 - 4. CO

Question ID : 75189714885

Option 1 ID : 75189759537

Option 2 ID : 75189759538

Option 3 ID : 75189759539

Option 4 ID : 75189759540

Status : Answered

Chosen Option : 3

Q.52 A statement is given followed by four conclusions as options. Select which conclusion is true based on the given statement.

Statement: $Z > Q > L = J < R < P$

- Ans
- 1. $J < Z$
 - 2. $P < L$
 - 3. $Q < P$
 - 4. $R > Z$

Question ID : 75189713549

Option 1 ID : 75189754193

Option 2 ID : 75189754196

Option 3 ID : 75189754194

Option 4 ID : 75189754195

Status : Answered

Chosen Option : 1

Q.53

The value of $\sqrt{\frac{4-5\cos^2\theta}{\sin^2\theta}} + \cot^2\theta$ is:

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

Question ID : 75189712886

Option 1 ID : 75189751544

Option 2 ID : 75189751541

Option 3 ID : 75189751543

Option 4 ID : 75189751542

Status : Answered

Chosen Option : 3

Q.54 Which is the first Indian mosque?

- Ans 1. Cheraman Juma Mosque
 2. Ziarat Shareef
 3. Malik Dinar Mosque
 4. Palaiya Jumma Palli

Question ID : 75189714056

Option 1 ID : 75189756223

Option 2 ID : 75189756224

Option 3 ID : 75189756221

Option 4 ID : 75189756222

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

Chosen Option : --

Q.55 A tradesman allows a discount of 15% on the marked price. How much above the cost price must he mark his goods to gain 19% through the above transaction?

- Ans 1. 40%
 2. 30%
 3. 50%
 4. 25%

Question ID : 75189712964

Option 1 ID : 75189751854

Option 2 ID : 75189751853

Option 3 ID : 75189751855

Option 4 ID : 75189751856

Status : **Answered**

Chosen Option : 1

Q.56 In a certain code language, 'TRAMP' is written as 'VOCJR' and 'BLANK' is written as 'DICKM'. How will 'AMPLE' be written in that language?

- Ans 1. BOSPJ
 2. CJRIG
 3. DJSIH
 4. CIRHG

Question ID : 75189714481

Option 1 ID : 75189757924

Option 2 ID : 75189757923

Option 3 ID : 75189757922

Option 4 ID : 75189757921

Status : **Answered**

Chosen Option : 2

Q.57 The 'Hunar Haat' exhibition was organised in the Kota district of Rajasthan from 27 February to 7 March 2021 under the USTTAD scheme of the _____.

- Ans**
- 1. Ministry of Minority Affairs
 - 2. Ministry of Home Affairs
 - 3. Ministry of Finance
 - 4. Ministry of Skill Development and Entrepreneurship

Question ID : 75189715068

Option 1 ID : 75189760272

Option 2 ID : 75189760269

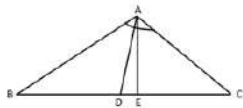
Option 3 ID : 75189760270

Option 4 ID : 75189760271

Status : Answered

Chosen Option : 4

Q.58 In a triangle ABC, if AD is the angle bisector of $\angle BAC$, $AE \perp BC$, $\angle B = 30^\circ$ and $\angle C = 50^\circ$, then $\angle DAE$ is:



- Ans**
- 1. 40°
 - 2. 30°
 - 3. 10°
 - 4. 20°

Question ID : 75189712877

Option 1 ID : 75189751508

Option 2 ID : 75189751507

Option 3 ID : 75189751505

Option 4 ID : 75189751506

Status : Answered

Chosen Option : 3

Q.59 In which of the following states in India is the largest mass nesting site for the Olive-ridley Turtles found?

- Ans**
- 1. Tamil Nadu
 - 2. Gujarat
 - 3. Odisha
 - 4. Kerala

Question ID : 75189712160

Option 1 ID : 75189748640

Option 2 ID : 75189748639

Option 3 ID : 75189748637

Option 4 ID : 75189748638

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.60 A tank is attached with 30 pipes, some of these are filling pipes and the rest are emptying pipes. Each filling pipe can fill the tank completely in 24 hours and each emptying pipe can empty the tank completely in 18 hours. When all the pipes are opened together, it takes $1\frac{1}{2}$ hours to fill the tank completely. How many of the given pipes are emptying pipes?

- Ans**
- 1. 8
 - 2. 6
 - 3. 12
 - 4. 9

Question ID : 75189712638
Option 1 ID : 75189750550
Option 2 ID : 75189750549
Option 3 ID : 75189750552
Option 4 ID : 75189750551
Status : Answered
Chosen Option : 2

Q.61 In an electric circuit, four equal resistors were in series, connected to a cell. These are now disconnected and connected back in parallel across the same cell. The ratio of current in the series circuit to the current in each resistor in the parallel circuit will be _____.

- Ans**
- 1. 1 : 4
 - 2. 16 : 1
 - 3. 4 : 1
 - 4. 1 : 16

Question ID : 75189714105
Option 1 ID : 75189756418
Option 2 ID : 75189756420
Option 3 ID : 75189756419
Option 4 ID : 75189756417
Status : Answered
Chosen Option : 4

Q.62 Services e-Health Assistance and Teleconsultation (SeHAT) is a teleconsultation service launched by which of the following ministries?

- Ans**
- 1. Ministry of AYUSH
 - 2. Ministry of Home Affairs
 - 3. Ministry of Women and Child Development
 - 4. Ministry of Defence

Question ID : 75189713980
Option 1 ID : 75189755920
Option 2 ID : 75189755917
Option 3 ID : 75189755919
Option 4 ID : 75189755918
Status : Answered
Chosen Option : 1

Q.63 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Cakes are Ice-Creams.

Some Cakes are Butters.

All Cakes are Eggs.

Conclusions:

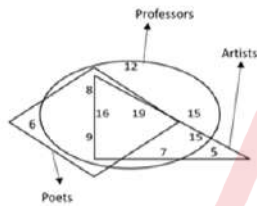
(I) Some Butters are Ice-creams.

(II) All Eggs are Ice-creams.

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

Question ID : 75189714620
 Option 1 ID : 75189758477
 Option 2 ID : 75189758480
 Option 3 ID : 75189758478
 Option 4 ID : 75189758479
 Status : Answered
 Chosen Option : 2

Q.64 Observe the given diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons.



How many such persons are there in the above group who are not artists and poets but are only professors?

- Ans**
- 1. 27
 - 2. 22
 - 3. 17
 - 4. 35

Question ID : 75189713086
 Option 1 ID : 75189752344
 Option 2 ID : 75189752341
 Option 3 ID : 75189752343
 Option 4 ID : 75189752342
 Status : Answered
 Chosen Option : 1

Q.65 As of April 2022, how much FDI is permitted in railways under automatic route in construction, operation, and maintenance of Rail Infrastructure projects?

- Ans**
- 1. 80%
 - 2. 74%
 - 3. 49%
 - 4. 100%

Question ID : **75189712465**
 Option 1 ID : **75189749859**
 Option 2 ID : **75189749858**
 Option 3 ID : **75189749857**
 Option 4 ID : **75189749860**
 Status : **Not Attempted and Marked For Review**
 Chosen Option : --

Q.66 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.

7 : 42 :: 5 : 20 :: 11 : ?

- Ans**
- 1. 110
 - 2. 117
 - 3. 132
 - 4. 90

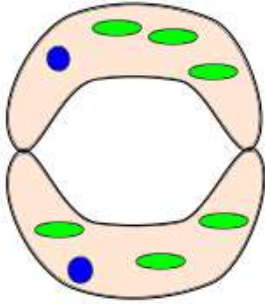
Question ID : **75189713130**
 Option 1 ID : **75189752518**
 Option 2 ID : **75189752519**
 Option 3 ID : **75189752520**
 Option 4 ID : **75189752517**
 Status : **Answered**
 Chosen Option : 1

Q.67 A certain number of people are sitting in a row, facing north. B is sitting third to the right of C. No one is sitting to the left of C. Only four people are sitting between A and B. Only two people are seated to the right of D. Only four people are sitting between A and D. If no other person is sitting in the row, what is the total number of persons seated between C and D?

- Ans**
- 1. 13
 - 2. 15
 - 3. 17
 - 4. 12

Question ID : **75189713495**
 Option 1 ID : **75189753978**
 Option 2 ID : **75189753977**
 Option 3 ID : **75189753980**
 Option 4 ID : **75189753979**
 Status : **Answered**
 Chosen Option : 4

Q.68 Where can you find the type of cells shown in the following figure?



- Ans
- 1. Roots and flowers
 - 2. Leaves and shoots
 - 3. Flowers and leaves
 - 4. Stems and roots

Question ID : 75189712238

Option 1 ID : 75189748951

Option 2 ID : 75189748949

Option 3 ID : 75189748952

Option 4 ID : 75189748950

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

Chosen Option : --

Q.69 In the year 2020, the Oriental Bank of Commerce (OBC) and the United Bank of India were merged with which of the following banks?

- Ans
- 1. Punjab National Bank
 - 2. State Bank of India
 - 3. Bank of India
 - 4. Bank of Maharashtra

Question ID : 75189712482

Option 1 ID : 75189749928

Option 2 ID : 75189749927

Option 3 ID : 75189749926

Option 4 ID : 75189749925

Status : **Answered**

Chosen Option : 3

Q.70 If the difference between two numbers is 4 and their product is 32, then the absolute difference between their cubes is:

- Ans
- 1. 444
 - 2. 484
 - 3. 844
 - 4. 448

Question ID : 75189713356
Option 1 ID : 75189753424
Option 2 ID : 75189753421
Option 3 ID : 75189753422
Option 4 ID : 75189753423
Status : Answered
Chosen Option : 4

Q.71 Which two elements were put in the same slot by Newland?

- Ans
- 1. Na and Al
 - 2. Ca and Cu
 - 3. As and Se
 - 4. Co and Ni

Question ID : 75189714797
Option 1 ID : 75189759185
Option 2 ID : 75189759188
Option 3 ID : 75189759187
Option 4 ID : 75189759186
Status : Not Attempted and
Marked For Review
Chosen Option : --

Q.72 If the radius and the height of a cylinder are 7 cm and 15 cm, respectively, then find the volume of the cylinder.

[Use $\pi = \frac{22}{7}$]

- Ans
- 1. 2125 cm³
 - 2. 2310 cm³
 - 3. 2520 cm³
 - 4. 2451 cm³

Question ID : 75189712863
Option 1 ID : 75189751449
Option 2 ID : 75189751450
Option 3 ID : 75189751452
Option 4 ID : 75189751451
Status : Answered
Chosen Option : 2

Q.73 The reaction in which two reactants participate and produce only one product is called:

- Ans
- 1. combination reaction
 - 2. displacement reaction
 - 3. double displacement reaction
 - 4. dissociation reaction

Question ID : 7518979615
Option 1 ID : 75189738457
Option 2 ID : 75189738459
Option 3 ID : 75189738460
Option 4 ID : 75189738458
Status : Answered
Chosen Option : 1

Q.74 Sexual reproduction in human beings involves the introduction of sperm in the vagina of the female. Where does fertilisation occur?

- Ans
- 1. In the vagina
 - 2. In the uterus
 - 3. In the cervix
 - 4. In the fallopian tube

Question ID : 75189714841
Option 1 ID : 75189759361
Option 2 ID : 75189759362
Option 3 ID : 75189759364
Option 4 ID : 75189759363
Status : Answered
Chosen Option : 4

Q.75 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.

RTO : OQL
KMD : HIA

- Ans
- 1. LOP : IU Y
 - 2. ABC : XWZ
 - 3. JHG : FDS
 - 4. UBF : RYC

Question ID : 75189711597
Option 1 ID : 75189746388
Option 2 ID : 75189746385
Option 3 ID : 75189746386
Option 4 ID : 75189746387
Status : Answered
Chosen Option : 4

Q.76 Which of the following metals is less reactive than silver?

- Ans
- 1. Hg
 - 2. Cu
 - 3. Au
 - 4. Fe

Question ID : 75189711910
Option 1 ID : 75189747639
Option 2 ID : 75189747638
Option 3 ID : 75189747640
Option 4 ID : 75189747637
Status : Answered
Chosen Option : 3

Q.77 Which of the following statements regarding blood pressure is FALSE?

- Ans
- 1. The pressure is much greater in veins than in arteries.
 - 2. The pressure is measured using a sphygmomanometer.
 - 3.

The pressure during ventricular contraction is called systolic pressure and during ventricular relaxation is called diastolic pressure.

- 4.
- The normal systolic pressure is about 120 mm of Hg and diastolic pressure is 80 mm of Hg.

Question ID : 75189714825
Option 1 ID : 75189759298
Option 2 ID : 75189759297
Option 3 ID : 75189759299
Option 4 ID : 75189759300
Status : Answered
Chosen Option : 1

Q.78 Who started the Mahila Seva Mandal to promote women's rights in 1852?

- Ans
- 1. Savitribai Phule
 - 2. Annie Besant
 - 3. Sarojini Naidu
 - 4. Ramabai Ranade

Question ID : 75189714038
Option 1 ID : 75189756152
Option 2 ID : 75189756150
Option 3 ID : 75189756151
Option 4 ID : 75189756149
Status : Answered
Chosen Option : 1

Q.79 Find the mode of the following data.

2, 6, 5, 2, 4, 9, 6, 2, 6, 4, 10, 12, 6, 2, 2, 4, 4, 9

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

Question ID : 75189713346
Option 1 ID : 75189753381
Option 2 ID : 75189753382
Option 3 ID : 75189753384
Option 4 ID : 75189753383
Status : Answered
Chosen Option : 1

Q.80 In macroeconomic analysis, marginal propensity to save (MPS) is _____.

- Ans 1. the change in savings per unit change in income of an individual
 2. the savings per unit change in the price of a good
 3. the savings per unit of a good
 4. the savings per unit of income of an individual

Question ID : 75189712382
Option 1 ID : 75189749525
Option 2 ID : 75189749527
Option 3 ID : 75189749528
Option 4 ID : 75189749526
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.81 Which of the following numbers will replace the question mark (?) in the given series?

240 240 120 40 10 ?

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

Question ID : 75189712676
Option 1 ID : 75189750702
Option 2 ID : 75189750701
Option 3 ID : 75189750703
Option 4 ID : 75189750704
Status : Answered
Chosen Option : 4

Q.82 A has a certain amount of money and B also has some money. If A gives ₹130 to B, then B will have 1.5 times the amount left with A. Instead, if B gives ₹70 to A, then A will have 2 times the amount left with B. What is the total amount of money that A and B together have between them?

- Ans**
- 1. ₹720
 - 2. ₹750
 - 3. ₹700
 - 4. ₹780

Question ID : 75189712644

Option 1 ID : 75189750574

Option 2 ID : 75189750575

Option 3 ID : 75189750573

Option 4 ID : 75189750576

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

Chosen Option : --

Q.83 Which of the following statement is INCORRECT for reduction?

- Ans**
- 1. Removal of oxygen
 - 2. Loss of electrons
 - 3. Gain of electrons
 - 4. Addition of Hydrogen

Question ID : 75189714982

Option 1 ID : 75189759928

Option 2 ID : 75189759925

Option 3 ID : 75189759926

Option 4 ID : 75189759927

Status : **Marked For Review**

Chosen Option : 3

Q.84 The population of a town increased by 12% in the first year and by 16% in the second year. What is the percentage increase in the population at the end of the second year with respect to the population at the beginning of the given 2- year period?

- Ans**
- 1. 29.6%
 - 2. 29.92%
 - 3. 19.6%
 - 4. 19.92%

Question ID : 75189712936

Option 1 ID : 75189751744

Option 2 ID : 75189751742

Option 3 ID : 75189751743

Option 4 ID : 75189751741

Status : **Answered**

Chosen Option : 2

Q.85 The refractive index of a material can be linked with relative _____ of propagation of light in different media.

- Ans
- 1. displacement
 - 2. acceleration
 - 3. force
 - 4. speed

Question ID : 75189713764
Option 1 ID : 75189755054
Option 2 ID : 75189755053
Option 3 ID : 75189755056
Option 4 ID : 75189755055
Status : Answered
Chosen Option : 4

Q.86 PV Sindhu won a bronze medal in May 2022 in which of the following badminton tournaments?

- Ans
- 1. European Badminton Championships 2022
 - 2. Yonex Open 2022
 - 3. Australian National Badminton Championships 2022
 - 4. Badminton Asia Championships 2022

Question ID : 75189712545
Option 1 ID : 75189750177
Option 2 ID : 75189750179
Option 3 ID : 75189750180
Option 4 ID : 75189750178
Status : Marked For Review
Chosen Option : 2

Q.87 Nine years ago, P's age was twice the age of Q. If the ratio of their present ages is 5 : 4, what is the sum of their present ages?

- Ans
- 1. 35 years
 - 2. 27 years
 - 3. 40 years
 - 4. 30 years

Question ID : 75189712833
Option 1 ID : 75189751331
Option 2 ID : 75189751329
Option 3 ID : 75189751332
Option 4 ID : 75189751330
Status : Answered
Chosen Option : 2

Q.88 Express $0.2\bar{7}$ in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

- Ans
- 1. $\frac{2}{9}$
 - 2. $\frac{1}{3}$
 - 3. $\frac{1}{6}$
 - 4. $\frac{5}{18}$

Question ID : 75189712910

Option 1 ID : 75189751638

Option 2 ID : 75189751640

Option 3 ID : 75189751637

Option 4 ID : 75189751639

Status : Answered

Chosen Option : 1

Q.89 The centre of curvature of a concave mirror lies _____.

- Ans
- 1. above the mirror
 - 2. in front of the mirror
 - 3. below the mirror
 - 4. behind the mirror

Question ID : 75189713742

Option 1 ID : 75189754967

Option 2 ID : 75189754965

Option 3 ID : 75189754968

Option 4 ID : 75189754966

Status : Answered

Chosen Option : 2

Q.90 In a certain code language, 'PEN' is written as 'KVM' and 'CAN' is written as 'XZM'. How will 'GUN' be written in that code language?

- Ans
- 1. FMT
 - 2. TMF
 - 3. TFM
 - 4. TDM

Question ID : 75189711565

Option 1 ID : 75189746258

Option 2 ID : 75189746257

Option 3 ID : 75189746259

Option 4 ID : 75189746260

Status : Answered

Chosen Option : 3

Q.91 In which part of the human body are villi present?

- Ans
- 1. Liver
 - 2. Small intestine
 - 3. Kidney
 - 4. Eye

Question ID : 7518974371
Option 1 ID : 75189717481
Option 2 ID : 75189717483
Option 3 ID : 75189717484
Option 4 ID : 75189717482
Status : Marked For Review
Chosen Option : 1

Q.92 In June 2022, the 4th Edition of the Khelo India Youth Games was inaugurated in the state of _____.

- Ans
- 1. Madhya Pradesh
 - 2. Gujarat
 - 3. Haryana
 - 4. Rajasthan

Question ID : 75189712556
Option 1 ID : 75189750224
Option 2 ID : 75189750222
Option 3 ID : 75189750223
Option 4 ID : 75189750221
Status : Marked For Review
Chosen Option : 3

Q.93 The magnetic field produced by a current carrying conductor decreases as the _____ increases.

- Ans
- 1. voltage
 - 2. current
 - 3. distance
 - 4. resistance

Question ID : 75189713866
Option 1 ID : 75189755463
Option 2 ID : 75189755461
Option 3 ID : 75189755462
Option 4 ID : 75189755464
Status : Answered
Chosen Option : 4

Q.94 Taramati peak is located in:

- Ans
- 1. Rajasthan
 - 2. Madya Pradesh
 - 3. Maharashtra
 - 4. Haryana

Question ID : 75189710591

Option 1 ID : 75189742362

Option 2 ID : 75189742363

Option 3 ID : 75189742361

Option 4 ID : 75189742364

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.95 If '+' means '-', '-' means 'x', 'x' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

$$25 \times 5 \div 7 - 10 \times 2 = ?$$

- Ans
- 1. 38
 - 2. 39
 - 3. 41
 - 4. 40

Question ID : 75189711639

Option 1 ID : 75189746553

Option 2 ID : 75189746554

Option 3 ID : 75189746556

Option 4 ID : 75189746555

Status : Answered

Chosen Option : 4

Q.96 Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.

_ _ LMT _ PLMT KPL _ _ KPLMT _

- Ans
- 1. KPTKTMTTT
 - 2. LPTKTMTTT
 - 3. KPTKTMTTM
 - 4. KLTKTMTTT

Question ID : 7518977957

Option 1 ID : 75189731825

Option 2 ID : 75189731827

Option 3 ID : 75189731826

Option 4 ID : 75189731828

Status : Answered

Chosen Option : 1

Q.97 In which year was Tamil declared a classical language by the Government of India?

- Ans
- 1. 2014
 - 2. 2005
 - 3. 2004
 - 4. 2010

Question ID : 75189712131

Option 1 ID : 75189748524

Option 2 ID : 75189748522

Option 3 ID : 75189748521

Option 4 ID : 75189748523

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

Chosen Option : --

Q.98 A water tank can be filled in 9 minutes by using 15 pipes of the same capacity. In how many minutes will the water tank be filled if we use 20 pipes of the same capacity as above?

- Ans
- 1. 6.75
 - 2. 18
 - 3. 10
 - 4. 13

Question ID : 75189713334

Option 1 ID : 75189753335

Option 2 ID : 75189753336

Option 3 ID : 75189753334

Option 4 ID : 75189753333

Status : **Answered**

Chosen Option : 1

Q.99 Which mineral ore's deposits are formed by the decomposition of a wide variety of rocks rich in aluminium silicates?

- Ans
- 1. Manganese
 - 2. Bauxite
 - 3. Iron
 - 4. Alumina

Question ID : 75189712403

Option 1 ID : 75189749612

Option 2 ID : 75189749610

Option 3 ID : 75189749611

Option 4 ID : 75189749609

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

Chosen Option : --

Q.100 If $x = \frac{\sqrt{1125} \times \sqrt{405}}{\sqrt{729}}$, then the value of \sqrt{x} is:

- Ans
- 1. 9
 - 2. 3
 - 3. 5
 - 4. 25

Question ID : 75189712594
Option 1 ID : 75189750375
Option 2 ID : 75189750373
Option 3 ID : 75189750374
Option 4 ID : 75189750376
Status : Answered
Chosen Option : 3

