



RRB GROUP - D **SHIFT - 2** (26-09-2022)

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Test Date	26/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

**\* Note**

Correct Answer will carry 1 mark per Question.

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

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

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

Section : Level 1

**Q.1** In Flemming's left hand rule; the thumb, fore finger and centre finger respectively represent,

- Ans
- 1. Direction of magnetic field, current and force experienced
  - 2. Direction of magnetic field, force experienced and current
  - 3. Direction of force experienced, magnetic field and current
  - 4. Direction of current, magnetic field and force experienced

Question ID : 75189713853  
Option 1 ID : 75189755412  
Option 2 ID : 75189755410  
Option 3 ID : 75189755409  
Option 4 ID : 75189755411  
Status : Answered  
Chosen Option : 3

**Q.2** What is the term used for an assessment of an individual's past credit history, which is usually shown as a number between 300 and 900?

- Ans
- 1. Accept Rating
  - 2. Status Rating
  - 3. Trust Rating
  - 4. Credit Rating

Question ID : 75189712481  
Option 1 ID : 75189749924  
Option 2 ID : 75189749921  
Option 3 ID : 75189749922  
Option 4 ID : 75189749923  
Status : Answered  
Chosen Option : 4

**Q.3** A boat goes 30 km upstream and 44 km downstream in a total of 10 hours. It also goes 40 km upstream and 55 km downstream in a total of 13 hours. The speed of the stream is:

- Ans**
- 1. 2 km/h
  - 2. 3 km/h
  - 3. 5 km/h
  - 4. 4 km/h

Question ID : 75189711784  
Option 1 ID : 75189747135  
Option 2 ID : 75189747133  
Option 3 ID : 75189747134  
Option 4 ID : 75189747136  
Status : Answered  
Chosen Option : 2

**Q.4** Refer to the given number, symbol series and answer the question that follows.

(Left)  $4 * 2 \% 3 + = 3 2 \% 5 9 \& 4 S 7 5 \& \# * 8 5 @ 3$  (Right)

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

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

Question ID : 75189714972  
Option 1 ID : 75189759888  
Option 2 ID : 75189759885  
Option 3 ID : 75189759886  
Option 4 ID : 75189759887  
Status : Answered  
Chosen Option : 3

**Q.5** The sum of the interior angles of a quadrilateral is equal to:

- Ans**
- 1.  $180^\circ$
  - 2.  $270^\circ$
  - 3.  $390^\circ$
  - 4.  $360^\circ$

Question ID : 75189713412  
Option 1 ID : 75189753645  
Option 2 ID : 75189753647  
Option 3 ID : 75189753648  
Option 4 ID : 75189753646  
Status : Answered  
Chosen Option : 4

Q.6 44, 96 and 184, when divided by a number  $x$ , leaves the same remainder in each case. The largest value of  $x$  is:

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

Question ID : 75189713278  
Option 1 ID : 75189753111  
Option 2 ID : 75189753109  
Option 3 ID : 75189753112  
Option 4 ID : 75189753110  
Status : Answered  
Chosen Option : 4

Q.7 Express  $4.\overline{142}$  in the form  $\frac{p}{q}$ , where  $p$  and  $q$  are integers and  $q \neq 0$ .

- Ans
- 1.  $\frac{4136}{999}$
  - 2.  $\frac{4140}{999}$
  - 3.  $\frac{4142}{999}$
  - 4.  $\frac{4138}{999}$



Question ID : 75189712914  
Option 1 ID : 75189751653  
Option 2 ID : 75189751655  
Option 3 ID : 75189751656  
Option 4 ID : 75189751654  
Status : Answered  
Chosen Option : 4

Q.8 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

Few calciums are aldehydes  
All aldehydes are rubidiums  
All rubidiums are hydrogens

**Conclusions:**

(I) Some hydrogens are aldehydes  
(II) Some rubidiums are aldehydes  
(III) All aldehydes are hydrogens

- Ans
- 1. Only conclusion II follows
  - 2. Only conclusion I follows
  - 3. Either conclusion I or III follows
  - 4. All conclusions I, II and III follow

Question ID : 75189714516  
Option 1 ID : 75189758062  
Option 2 ID : 75189758061  
Option 3 ID : 75189758063  
Option 4 ID : 75189758064  
Status : Answered  
Chosen Option : 4

**Q.9** Under the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY), which is being implemented by the National Health Authority (NHA) in partnership with state governments, a health cover of up to what amount per family per year for secondary and tertiary care hospitalisation is being provided, as on August 2022?

- Ans**
- 1. ₹4 lakhs
  - 2. ₹5 lakhs
  - 3. ₹6 lakhs
  - 4. ₹2 lakhs

Question ID : 75189711112  
Option 1 ID : 75189744446  
Option 2 ID : 75189744447  
Option 3 ID : 75189744448  
Option 4 ID : 75189744445  
Status : Answered  
Chosen Option : 2

**Q.10**  $[(54.36 \times 0.4) + 0.256] \div \sqrt{121}$  equals:

- Ans**
- 1. 1
  - 2. 22
  - 3. 11
  - 4. 2

Question ID : 75189711998  
Option 1 ID : 75189747992  
Option 2 ID : 75189747989  
Option 3 ID : 75189747990  
Option 4 ID : 75189747991  
Status : Answered  
Chosen Option : 4

**Q.11** The Santosh Trophy is related to which of the following sports in India?

- Ans**
- 1. Chess
  - 2. Cricket
  - 3. Badminton
  - 4. Football

Question ID : 75189712559  
Option 1 ID : 75189750234  
Option 2 ID : 75189750233  
Option 3 ID : 75189750236  
Option 4 ID : 75189750235  
Status : Answered  
Chosen Option : 4

Q.12 In which year can the calendar of the year 2024 be used again?

- Ans
- 1. 2051
  - 2. 2048
  - 3. 2052
  - 4. 2050

Question ID : 75189713577  
Option 1 ID : 75189754308  
Option 2 ID : 75189754307  
Option 3 ID : 75189754305  
Option 4 ID : 75189754306  
Status : Answered  
Chosen Option : 3

Q.13 The power input to the circuit when charge of Q coulomb is flowing for t seconds for a potential difference of V volt is \_\_\_\_\_.

- Ans
- 1.  $P = VQ/t$
  - 2.  $P = VQt$
  - 3.  $P = Qt/V$
  - 4.  $P = Vt/Q$

Question ID : 75189713825  
Option 1 ID : 75189755299  
Option 2 ID : 75189755297  
Option 3 ID : 75189755298  
Option 4 ID : 75189755300  
Status : Answered  
Chosen Option : 3

Q.14 Which state government in 2022 has proposed to offer identity cards to six religious minority communities, which they can submit to avail benefits of the schemes meant for the minorities?

- Ans
- 1. Haryana
  - 2. Nagaland
  - 3. Assam
  - 4. Odisha

Question ID : 7518977169  
Option 1 ID : 75189728675  
Option 2 ID : 75189728674  
Option 3 ID : 75189728673  
Option 4 ID : 75189728676  
Status : Not Answered  
Chosen Option : --

**Q.15** 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 / 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.)

(13, 16, 21)  
(28, 34, 45)

- Ans**
- ✓ 1. (37, 18, 46)
  - ✗ 2. (72, 45, 27)
  - ✗ 3. (64, 26, 90)
  - ✗ 4. (35, 12, 59)

Question ID : 75189714945  
Option 1 ID : 75189759777  
Option 2 ID : 75189759780  
Option 3 ID : 75189759779  
Option 4 ID : 75189759778  
Status : Answered  
Chosen Option : 1

**Q.16** Suppose you are given three mediums, A, B, and C, with refractive indexes 1.47, 1.33, and 1.44 respectively. If the velocity of light in A, B, and C are  $V_A$ ,  $V_B$ , and  $V_C$  respectively, then which of the following is true?

- Ans**
- ✓ 1.  $V_B > V_C > V_A$
  - ✗ 2.  $V_C > V_B > V_A$
  - ✗ 3.  $V_A > V_C > V_B$
  - ✗ 4.  $V_A > V_B > V_C$



Question ID : 75189711275  
Option 1 ID : 75189745099  
Option 2 ID : 75189745098  
Option 3 ID : 75189745100  
Option 4 ID : 75189745097  
Status : Answered  
Chosen Option : 1

Q.17 Match the columns.

Group-I	Group-II
I. Mouth	A. Chewing of food
II. Teeth	B. Rolling of food
III. Tongue	C. Intake of whole food
IV. Saliva	D. Swallowing of food

- Ans
- 1. I-A; II-B; III-C; IV-D
  - 2. I-C; II-A; III-B; IV-D
  - 3. I-A; II-D; III-A; IV-A
  - 4. I-B; II-C; III-D; IV-C

Question ID : 75189710188  
Option 1 ID : 75189740749  
Option 2 ID : 75189740750  
Option 3 ID : 75189740752  
Option 4 ID : 75189740751  
Status : Answered  
Chosen Option : 2

Q.18 Every germ cell will take one chromosome from each pair and these may be of either maternal or paternal origin. When two germ cells combine, they will restore the normal number of chromosomes in the progeny, ensuring the stability of the DNA of the species. Such a mechanism of inheritance is explained in:

- Ans
- 1. mutation in species
  - 2. variation in chromosomal number
  - 3. speciation of organisms
  - 4. the results of the Mendel's experiments

Question ID : 75189714867  
Option 1 ID : 75189759465  
Option 2 ID : 75189759466  
Option 3 ID : 75189759467  
Option 4 ID : 75189759468  
Status : Not Answered  
Chosen Option : --



**Q.19** 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 Beaches are Sands.  
Some Sands are Deserts.  
All Beaches are Oceans.

**Conclusions:**

(I) Some Deserts are Beaches.  
(II) Some Sands are Oceans.

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

Question ID : 75189714631  
Option 1 ID : 75189758523  
Option 2 ID : 75189758522  
Option 3 ID : 75189758524  
Option 4 ID : 75189758521  
Status : Answered  
Chosen Option : 2

**Q.20** AD and BC are two poles, that are respectively 30 metres and 15 metres tall, and both stand upright in a playground. A and B, respectively the feet of the two poles AD and BC, are 36 metres apart and  $\overline{CE} \perp \overline{BA}$ , intersecting  $\overline{AD}$  at E. Find the ratio of the area of  $\triangle DEC$  to the area of the rectangle ABCE.

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

Question ID : 75189711801  
Option 1 ID : 75189747203  
Option 2 ID : 75189747201  
Option 3 ID : 75189747204  
Option 4 ID : 75189747202  
Status : Answered  
Chosen Option : 4

**Q.21** Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

L 16, M 20, O 24, R 28, V 32, ?

- Ans**
- 1. A 36
  - 2. Z 36
  - 3. A 34
  - 4. Z 34

Question ID : 75189714217  
Option 1 ID : 75189756867  
Option 2 ID : 75189756866  
Option 3 ID : 75189756865  
Option 4 ID : 75189756868  
Status : Answered  
Chosen Option : 1

**Q.22** In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement :  $P \geq T = W > L < S \leq B$

- Ans
- 1.  $T > L$
  - 2.  $P > L$
  - 3.  $P \leq W$
  - 4.  $L < B$

Question ID : 75189714199  
Option 1 ID : 75189756793  
Option 2 ID : 75189756796  
Option 3 ID : 75189756794  
Option 4 ID : 75189756795  
Status : Answered  
Chosen Option : 3

**Q.23** A certain number of people are sitting in a straight line facing north. T is sitting to the immediate left of S. Only two people are sitting to the left of P. Only two people are sitting between P and S. T is third to the left of the person sitting at the extreme right end. How many people are sitting in the row?

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

Question ID : 75189714185  
Option 1 ID : 75189756737  
Option 2 ID : 75189756738  
Option 3 ID : 75189756740  
Option 4 ID : 75189756739  
Status : Answered  
Chosen Option : 3

**Q.24** Find the roots of the quadratic equation  $x^2 + 30x + 104 = 0$

- Ans
- 1. 12, 18
  - 2. 4, 26
  - 3. 14, 16
  - 4. -4, -26

Question ID : 75189712078  
Option 1 ID : 75189748310  
Option 2 ID : 75189748311  
Option 3 ID : 75189748309  
Option 4 ID : 75189748312  
Status : Answered  
Chosen Option : 4

**Q.25** K, L, M, N, O and P are six people sitting around a circular table facing the centre of the table at a wedding. K is the immediate neighbour of P and is seated second to the right of O. O is seated to the immediate left of M. N is an immediate neighbour of both P and L. Who is seated second to the right of L?

- Ans**
- 1. N
  - 2. P
  - 3. M
  - 4. O

Question ID : 75189714718  
Option 1 ID : 75189758869  
Option 2 ID : 75189758871  
Option 3 ID : 75189758870  
Option 4 ID : 75189758872  
Status : Answered  
Chosen Option : 3

**Q.26** Simplify  $(x + 2)(2x + 5)(x - 4) + x^2 + 5x - 12$ .

- Ans**
- 1.  $2x^3 + 2x^2 - 21x - 52$
  - 2.  $2x^3 + x^2 - 21x - 52$
  - 3.  $x^3 + 2x^2 - 21x - 52$
  - 4.  $2x^3 + 2x^2 - 21x - 12$

Question ID : 75189712060  
Option 1 ID : 75189748238  
Option 2 ID : 75189748239  
Option 3 ID : 75189748237  
Option 4 ID : 75189748240  
Status : Answered  
Chosen Option : 1

**Q.27** If '\*' means '-', '+' means '+', '-' means '+', and '+' means '\*', what will be the value of the following expression?

$$[((12 - 2) \times (3 \div 2)) + (12 \times 4)]$$

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

Question ID : 75189714575  
Option 1 ID : 75189758298  
Option 2 ID : 75189758297  
Option 3 ID : 75189758300  
Option 4 ID : 75189758299  
Status : Answered  
Chosen Option : 2

Q.28 If  $0.72\overline{45} = \frac{a}{b}$ , where the HCF of a and b is 1, then what is the value of (b – a)?

- Ans
- 1. 113
  - 2. 303
  - 3. 313
  - 4. 606

Question ID : 75189712605  
Option 1 ID : 75189750417  
Option 2 ID : 75189750419  
Option 3 ID : 75189750418  
Option 4 ID : 75189750420  
Status : Answered  
Chosen Option : 2

Q.29 In plants during the spring season, food material stored in the roots usually moves into the \_\_\_\_\_

- Ans
- 1. fruits
  - 2. flowers
  - 3. buds
  - 4. leaves

Question ID : 75189712573  
Option 1 ID : 75189750290  
Option 2 ID : 75189750291  
Option 3 ID : 75189750292  
Option 4 ID : 75189750289  
Status : Answered  
Chosen Option : 3

Q.30 Blood coagulation occurs with the help of:

- Ans
- 1. platelet cells
  - 2. red blood cells
  - 3. white blood cells
  - 4. blood plasma

Question ID : 75189710203  
Option 1 ID : 75189740812  
Option 2 ID : 75189740809  
Option 3 ID : 75189740811  
Option 4 ID : 75189740810  
Status : Answered  
Chosen Option : 4

**Q.31** Eight friends, A, B, C, D, E, F, G and H, are sitting around a circular table facing the centre (but not necessarily in the same order). Only D is sitting between A and E. E is sitting second to the right of F. Only B is sitting between C and G. Only F is sitting between G and H.

What is F's position with respect to D?

- Ans**
- ✓ 1. Third to the left
  - ✗ 2. Third to the right
  - ✗ 3. To the immediate right
  - ✗ 4. To the immediate left

Question ID : 75189711424  
Option 1 ID : 75189745694  
Option 2 ID : 75189745693  
Option 3 ID : 75189745696  
Option 4 ID : 75189745695  
Status : Answered  
Chosen Option : 1

**Q.32** If  $\alpha$  and  $\beta$  are the roots of the equation  $2x^2 - 3x - 5 = 0$ , then the quadratic equation whose roots are  $\frac{\alpha}{\beta}$  and  $\frac{\beta}{\alpha}$  is:

- Ans**
- ✗ 1.  $10x^2 - 29x + 10 = 0$
  - ✓ 2.  $10x^2 + 29x + 10 = 0$
  - ✗ 3.  $10x^2 + 29x - 10 = 0$
  - ✗ 4.  $10x^2 - 29x - 10 = 0$

Question ID : 75189712649  
Option 1 ID : 75189750594  
Option 2 ID : 75189750596  
Option 3 ID : 75189750595  
Option 4 ID : 75189750593  
Status : Not Answered  
Chosen Option : --

**Q.33** Who among the following won her maiden Commonwealth Games gold medal in 62 kg Wrestling at the Commonwealth Games 2022?

- Ans**
- ✗ 1. Kavita Devi
  - ✗ 2. Babita Kumari
  - ✗ 3. Vinesh Phogat
  - ✓ 4. Sakshi Malik

Question ID : 75189712535  
Option 1 ID : 75189750140  
Option 2 ID : 75189750139  
Option 3 ID : 75189750138  
Option 4 ID : 75189750137  
Status : Answered  
Chosen Option : 3

**Q.34** According to \_\_\_\_\_, the Parliament amended the Constitution (42nd Constitutional Amendment) and inserted 'Secular', 'Socialist', and 'Integrity' in the Preamble of the Constitution.

- Ans**
- 1. Article 359
  - 2. Article 366
  - 3. Article 358
  - 4. Article 368

Question ID : 75189710487  
Option 1 ID : 75189741947  
Option 2 ID : 75189741948  
Option 3 ID : 75189741945  
Option 4 ID : 75189741946  
Status : Answered  
Chosen Option : 4

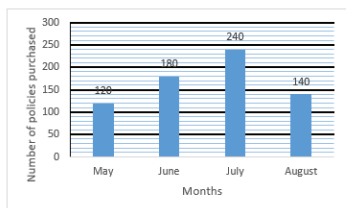
**Q.35** Which of the following materials are NOT biodegradable?

- Ans**
- 1. A woollen blanket and a jute rope
  - 2. Glass dish and plastic covers
  - 3. A leather belt and a canvas shoe
  - 4. A cardboard box and a paper bag

Question ID : 75189712315  
Option 1 ID : 75189749258  
Option 2 ID : 75189749260  
Option 3 ID : 75189749259  
Option 4 ID : 75189749257  
Status : Answered  
Chosen Option : 2

**Q.36** Study the given bar-graph and answer question that follows.

The bar-graph depicts the number of policies purchased in May, June, July and August.



The number of policies purchased in July increased by approximately what per cent as compared to June?

- Ans**
- 1. 75%
  - 2. 66%
  - 3. 40%
  - 4. 33%

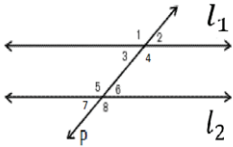
Question ID : 75189713674  
Option 1 ID : 75189754695  
Option 2 ID : 75189754693  
Option 3 ID : 75189754696  
Option 4 ID : 75189754694  
Status : Answered  
Chosen Option : 4

**Q.37** In a particular language, AC is written as 13 and FG is written as 67. How will HI be written in that language?

- Ans
- 1. 81
  - 2. 89
  - 3. 73
  - 4. 75

Question ID : 75189713227  
Option 1 ID : 75189752907  
Option 2 ID : 75189752908  
Option 3 ID : 75189752905  
Option 4 ID : 75189752906  
Status : Answered  
Chosen Option : 2

**Q.38** In the given figure,  $l_1 \parallel l_2$  and  $p$  is their transversal with angle  $4 = 5x+35$  and angle  $7 = 45^\circ$ . Find the value of  $x$ .



- Ans
- 1.  $40^\circ$
  - 2.  $45^\circ$
  - 3.  $20^\circ$
  - 4.  $10^\circ$

Question ID : 75189712091  
Option 1 ID : 75189748363  
Option 2 ID : 75189748364  
Option 3 ID : 75189748362  
Option 4 ID : 75189748361  
Status : Answered  
Chosen Option : 3

**Q.39** Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$$12.01 \div 5.99 + 13.89 - 3.002 = ?$$

- Ans
- 1. 9
  - 2. 13
  - 3. 18
  - 4. 24

Question ID : 75189712710  
Option 1 ID : 75189750838  
Option 2 ID : 75189750837  
Option 3 ID : 75189750839  
Option 4 ID : 75189750840  
Status : Answered  
Chosen Option : 2

Q.40 Which Act provided constitutional status to the Panchayati Raj institutions?

- Ans
- 1. 73rd Constitutional Amendment Act 1991
  - 2. 73rd Constitutional Amendment Act 1993
  - 3. 73rd Constitutional Amendment Act 1990
  - 4. 73rd Constitutional Amendment Act 1992

Question ID : 75189714080  
Option 1 ID : 75189756317  
Option 2 ID : 75189756319  
Option 3 ID : 75189756318  
Option 4 ID : 75189756320  
Status : Answered  
Chosen Option : 4

Q.41 Where was Swami Mahavir born?

- Ans
- 1. Pataliputra
  - 2. Kundagram
  - 3. Lumbini
  - 4. Pavapuri

Question ID : 75189712150  
Option 1 ID : 75189748598  
Option 2 ID : 75189748599  
Option 3 ID : 75189748597  
Option 4 ID : 75189748600  
Status : Answered  
Chosen Option : 3

Q.42 The radius of curvature of a spherical mirror is 40 cm. Its focal length is \_\_\_\_\_ cm.

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

Question ID : 75189713743  
Option 1 ID : 75189754971  
Option 2 ID : 75189754969  
Option 3 ID : 75189754970  
Option 4 ID : 75189754972  
Status : Answered  
Chosen Option : 2



**Q.43** In a seminar, the number of participants in subjects A, B and C are 96, 160 and 224, respectively. Find the minimum number of rooms required, if in each room the same number of participants are seated and all participants in a room are from the same subject.

- Ans**
- 1. 12
  - 2. 32
  - 3. 24
  - 4. 15

Question ID : 75189712615  
Option 1 ID : 75189750457  
Option 2 ID : 75189750460  
Option 3 ID : 75189750459  
Option 4 ID : 75189750458  
Status : Answered  
Chosen Option : 4

**Q.44** If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 2149763, which of the following digits will appear the most in the new number thus formed?

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

Question ID : 75189713056  
Option 1 ID : 75189752223  
Option 2 ID : 75189752224  
Option 3 ID : 75189752222  
Option 4 ID : 75189752221  
Status : Answered  
Chosen Option : 3

**Q.45** John has a cuboidal box whose length, breadth and height are in the ratio 2 : 3 : 5. If the length, the breadth and the height of this box are each increased by 100% to make a new box, then the volume of the new box is how many times the volume of the old box?

- Ans**
- 1. 9 times
  - 2. 7 times
  - 3. 8 times
  - 4. 6 times

Question ID : 75189713406  
Option 1 ID : 75189753623  
Option 2 ID : 75189753622  
Option 3 ID : 75189753621  
Option 4 ID : 75189753624  
Status : Answered  
Chosen Option : 3

Q.46 The Steel Authority of India Limited was earlier known as \_\_\_\_\_.

- Ans
- 1. National Steel Limited (NSL)
  - 2. Indian Steel Limited (ISL)
  - 3. Bharat Steel Limited (BSL)
  - 4. Hindustan Steel Limited (HSL)

Question ID : 75189712495  
Option 1 ID : 75189749977  
Option 2 ID : 75189749978  
Option 3 ID : 75189749980  
Option 4 ID : 75189749979  
Status : Answered  
Chosen Option : 4

Q.47 If in each of the following words, each letter is changed to the previous letter in the English alphabetical order, how many words thus formed will have a vowel?

JUST, RIME, BEST, FAST, LOST, TIME

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

Question ID : 7518977990  
Option 1 ID : 75189731960  
Option 2 ID : 75189731957  
Option 3 ID : 75189731959  
Option 4 ID : 75189731958  
Status : Answered  
Chosen Option : 3

Q.48 Which of the following solutions has the lowest pH value?

- Ans
- 1. Saliva (after a meal)
  - 2. Coffee
  - 3. Tomato juice
  - 4. Saliva (before a meal)

Question ID : 75189710357  
Option 1 ID : 75189741428  
Option 2 ID : 75189741426  
Option 3 ID : 75189741425  
Option 4 ID : 75189741427  
Status : Answered  
Chosen Option : 1

**Q.49** If a sum of ₹80,000 is invested for a year at 4% per annum compounded half yearly, then find the compound interest.

- Ans
- 1. ₹2,323
  - 2. ₹2,525
  - 3. ₹3,232
  - 4. ₹5,252

Question ID : 75189713305  
Option 1 ID : 75189753218  
Option 2 ID : 75189753220  
Option 3 ID : 75189753217  
Option 4 ID : 75189753219  
Status : Answered  
Chosen Option : 3

**Q.50** Suraj starts walking 9 m towards the east, then turns left. He walks 5 m, turns right and again walks 5 m. Then he turns right and walks 8 m. He then again turns right and walks 5 m. Again, he turns right and walks 3 m. Which direction is he facing now? (All turns are 90 degree turns only)

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

Question ID : 75189714261  
Option 1 ID : 75189757044  
Option 2 ID : 75189757042  
Option 3 ID : 75189757043  
Option 4 ID : 75189757041  
Status : Answered  
Chosen Option : 2

**Q.51** A sells an article to B at a gain of 16%. B sells it to C at a loss of 15% and C sells it to D at a gain of 20%. If the difference between the profits earned by C and A is ₹248, then the loss (in ₹) incurred by B is:

- Ans
- 1. 1,200
  - 2. 1,040
  - 3. 1,150
  - 4. 1,160

Question ID : 75189712628  
Option 1 ID : 75189750512  
Option 2 ID : 75189750509  
Option 3 ID : 75189750510  
Option 4 ID : 75189750511  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.52**  $9(x)$ ,  $x + 6$ ,  $7(x) - 3$  and  $y$  are in proportion when  $x = 3$ . Find the value of  $y$ .

- Ans**
- 1. 6
  - 2. 63
  - 3. 45
  - 4. 54

Question ID : 75189712948  
Option 1 ID : 75189751791  
Option 2 ID : 75189751792  
Option 3 ID : 75189751790  
Option 4 ID : 75189751789  
Status : Answered  
Chosen Option : 1

**Q.53** Who received the CSIR Young Scientist Award in 2021 (a scheme of Awards for Young Scientists in the CSIR system to promote excellence in various fields of science and technology)?

- Ans**
- 1. Dr. K Giribabu
  - 2. Debabrata Mandal
  - 3. Dr. Jeemon Panniyammakal
  - 4. Venkateswarlu M

Question ID : 75189714029  
Option 1 ID : 75189756115  
Option 2 ID : 75189756116  
Option 3 ID : 75189756114  
Option 4 ID : 75189756113  
Status : Not Answered  
Chosen Option : --

**Q.54** The position of how many letters will remain unchanged if each of the letters in the word 'EQUIVOCAL' is arranged in alphabetical order?

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

Question ID : 75189713554  
Option 1 ID : 75189754213  
Option 2 ID : 75189754216  
Option 3 ID : 75189754214  
Option 4 ID : 75189754215  
Status : Answered  
Chosen Option : 3

**Q.55** 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. EXAMPLE: 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)

(10, 150, 3)

(8, 80, 2)

Ans  1. (11, 188, 6)

2. (18, 270, 3)

3. (10, 401, 9)

4. (12, 197, 4)

Question ID : 75189711621

Option 1 ID : 75189746484

Option 2 ID : 75189746483

Option 3 ID : 75189746481

Option 4 ID : 75189746482

Status : Answered

Chosen Option : 2

**Q.56** Newlands law of Octaves was applicable only up to element \_\_\_\_\_.

Ans  1. Mg

2. K

3. Ca

4. Na

Question ID : 75189714694

Option 1 ID : 75189758776

Option 2 ID : 75189758774

Option 3 ID : 75189758773

Option 4 ID : 75189758775

Status : Answered

Chosen Option : 4

**Q.57** Sieve plates are found in the \_\_\_\_\_.

Ans  1. phloem parenchyma cells

2. phloem companion cells

3. phloem tube cells

4. phloem fiber cells

Question ID : 75189712251

Option 1 ID : 75189749001

Option 2 ID : 75189749004

Option 3 ID : 75189749003

Option 4 ID : 75189749002

Status : Answered

Chosen Option : 1

**Q.58** Six friends M, N, O, P, Q and R have their tests on a different day of week starting from Monday and ending on Saturday of the same week. Only two friends are having their tests before M's test. Only four friends are having their tests after Q's test. Only O has the test between the tests of P and N. Who amongst the following has the test on Monday?

- Ans**
- 1. O
  - 2. P
  - 3. R
  - 4. N

Question ID : 75189713593  
Option 1 ID : 75189754370  
Option 2 ID : 75189754371  
Option 3 ID : 75189754369  
Option 4 ID : 75189754372  
Status : Answered  
Chosen Option : 3

**Q.59** Which of the following classical languages is known as the 'Italian of the East' as all words in this language end with vowel sound?

- Ans**
- 1. Telugu
  - 2. Malayalam
  - 3. Kannada
  - 4. Marathi

Question ID : 75189714047  
Option 1 ID : 75189756186  
Option 2 ID : 75189756187  
Option 3 ID : 75189756188  
Option 4 ID : 75189756185  
Status : Answered  
Chosen Option : 1

**Q.60** An imaginary line passing through principal focus, centre of curvature and pole of a Spherical Mirror is known as \_\_\_\_\_.

- Ans**
- 1. focal length
  - 2. radius of curvature
  - 3. focal plane
  - 4. principal axis

Question ID : 7518979475  
Option 1 ID : 75189737898  
Option 2 ID : 75189737897  
Option 3 ID : 75189737900  
Option 4 ID : 75189737899  
Status : Answered  
Chosen Option : 4

**Q.61** Compounds of carbon containing carbon-carbon double bond are known as:

- Ans**
- 1. alkynes
  - 2. alkanes
  - 3. saturated compounds
  - 4. unsaturated compounds

Question ID : 75189712766  
Option 1 ID : 75189751064  
Option 2 ID : 75189751062  
Option 3 ID : 75189751061  
Option 4 ID : 75189751063  
Status : Answered  
Chosen Option : 3

**Q.62** What type of forest underwent a remarkable recovery with the active and willing participation of the local community in the Arabari forest range of Midnapore district?

- Ans**
- 1. Sandalwood forests
  - 2. Teak forests
  - 3. Sal forests
  - 4. Neem forests

Question ID : 75189710294  
Option 1 ID : 75189741176  
Option 2 ID : 75189741173  
Option 3 ID : 75189741175  
Option 4 ID : 75189741174  
Status : Not Answered  
Chosen Option : --

**Q.63** The colour of the clear sky is blue due to \_\_\_\_\_ of light by particles in the atmosphere of size \_\_\_\_\_ than the wavelength of visible light.

- Ans**
- 1. scattering, larger
  - 2. refraction, smaller
  - 3. scattering, smaller
  - 4. refraction, larger

Question ID : 7518976662  
Option 1 ID : 75189726646  
Option 2 ID : 75189726647  
Option 3 ID : 75189726648  
Option 4 ID : 75189726645  
Status : Answered  
Chosen Option : 1

**Q.64** The hearts muscles contract and relax rhythmically, this rhythmic contraction followed by its relaxation constitute a heartbeat. Which instrument is used to measure heartbeats?

- Ans**
- 1. Stethoscope
  - 2. Potometer
  - 3. Oximeter
  - 4. Sphygmomanometer

Question ID : 75189714850  
Option 1 ID : 75189759397  
Option 2 ID : 75189759400  
Option 3 ID : 75189759399  
Option 4 ID : 75189759398  
Status : Answered  
Chosen Option : 4

**Q.65** Select the number from among the given options that can replace the question mark (?) in the following series.

5, 6, 14, 41, ?

- Ans**
- 1. 188
  - 2. 105
  - 3. 169
  - 4. 95

Question ID : 75189714134  
Option 1 ID : 75189756535  
Option 2 ID : 75189756534  
Option 3 ID : 75189756533  
Option 4 ID : 75189756536  
Status : Answered  
Chosen Option : 2

**Q.66** India's services exports achieved above \_\_\_\_\_ billion for the first time during April-March 2021-22.

- Ans**
- 1. \$110
  - 2. \$1,000
  - 3. \$250
  - 4. \$500

Question ID : 75189712470  
Option 1 ID : 75189749877  
Option 2 ID : 75189749880  
Option 3 ID : 75189749879  
Option 4 ID : 75189749878  
Status : Not Answered  
Chosen Option : --



**Q.67** Amongst six friends A, B, C, D, E and F, each has a different height. C is taller than only two other friends. D is shorter than only one friend. B is shorter than C but taller than E. A is shorter than F. Who is the second shortest among all the friends?

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

Question ID : 7518979131  
Option 1 ID : 75189736524  
Option 2 ID : 75189736522  
Option 3 ID : 75189736523  
Option 4 ID : 75189736521  
Status : Answered  
Chosen Option : 2

**Q.68** How many sessions of the Lok Sabha take place in a year?

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

Question ID : 75189714072  
Option 1 ID : 75189756286  
Option 2 ID : 75189756288  
Option 3 ID : 75189756287  
Option 4 ID : 75189756285  
Status : Answered  
Chosen Option : 1

**Q.69** The Reserve Bank of India was nationalised with effect from 1st January, \_\_\_\_\_.

- Ans**
- 1. 1952
  - 2. 1949
  - 3. 1950
  - 4. 1954

Question ID : 75189714067  
Option 1 ID : 75189756267  
Option 2 ID : 75189756265  
Option 3 ID : 75189756266  
Option 4 ID : 75189756268  
Status : Answered  
Chosen Option : 3

Q.70 The Kamet peak of Himalaya is located in which state of India?

- Ans
- ✓ 1. Uttarakhand
  - ✗ 2. Sikkim
  - ✗ 3. Himachal Pradesh
  - ✗ 4. Arunachal Pradesh

Question ID : 7518977522  
Option 1 ID : 75189730087  
Option 2 ID : 75189730086  
Option 3 ID : 75189730088  
Option 4 ID : 75189730085  
Status : Answered  
Chosen Option : 3

Q.71 The given table shows the number of people of various age groups visiting a park in a locality. Find the modal age (in years) of the visitors (rounded off to one decimal place).

Age (years)	Number of persons
0 - 10	4
10 - 20	14
20 - 30	18
30 - 40	23
40 - 50	27
50 - 60	16
60 - 70	8

- Ans
- ✓ 1. 42.7
  - ✗ 2. 47.2
  - ✗ 3. 42.1
  - ✗ 4. 43.7

Question ID : 75189713441  
Option 1 ID : 75189753763  
Option 2 ID : 75189753762  
Option 3 ID : 75189753764  
Option 4 ID : 75189753761  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.72 Sohan is facing north-west. He turns  $90^\circ$  clockwise, then  $360^\circ$  anticlockwise and then  $90^\circ$  clockwise. In which direction is Sohan facing now?

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

Question ID : 75189713109  
Option 1 ID : 75189752436  
Option 2 ID : 75189752435  
Option 3 ID : 75189752434  
Option 4 ID : 75189752433  
Status : Answered  
Chosen Option : 3

**Q.73** The value of  $(1 + \cot^2\theta)(1 + \cos\theta)(1 - \cos\theta) + (1 - \sin\theta)(1 + \sin\theta)(1 + \tan^2\theta)$  is:

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

Question ID : 75189712103  
Option 1 ID : 75189748412  
Option 2 ID : 75189748411  
Option 3 ID : 75189748410  
Option 4 ID : 75189748409  
Status : Answered  
Chosen Option : 1

**Q.74** Which of the following numbers will replace the question mark (?) in the given series?

50 42 34 26 ?

- Ans**
- 1. 17
  - 2. 16
  - 3. 14
  - 4. 18

Question ID : 75189712667  
Option 1 ID : 75189750668  
Option 2 ID : 75189750665  
Option 3 ID : 75189750667  
Option 4 ID : 75189750666  
Status : Answered  
Chosen Option : 4

**Q.75** 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 Trees are Bushes.  
All Bushes are Leaves.  
Some Leaves are Green.

**Conclusions:**

(I) Some Bushes are Green.  
(II) Some Trees are Leaves.

- 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 : 75189714594  
Option 1 ID : 75189758374  
Option 2 ID : 75189758373  
Option 3 ID : 75189758375  
Option 4 ID : 75189758376  
Status : Answered  
Chosen Option : 1

**Q.76** Dobereiner tried to arrange the elements with similar properties into groups. For this he identified some groups having how many elements?

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

Question ID : 75189711917  
Option 1 ID : 75189747667  
Option 2 ID : 75189747668  
Option 3 ID : 75189747665  
Option 4 ID : 75189747666  
Status : Answered  
Chosen Option : 1

**Q.77** In a certain code language, 'HOTEL' is coded as 'DQPGH' and 'BANKS' is coded as 'XCJMO'. How will 'LOGIC' be coded in that language?

- Ans
- 1. PQKKG
  - 2. HMCGY
  - 3. HQCKY
  - 4. PMKGG

Question ID : 75189714236  
Option 1 ID : 75189756943  
Option 2 ID : 75189756944  
Option 3 ID : 75189756942  
Option 4 ID : 75189756941  
Status : Answered  
Chosen Option : 3

**Q.78** The Western Ghats are locally known by which name in Maharashtra?

- Ans
- 1. Nilgiri
  - 2. Cardamom
  - 3. Anaimalai
  - 4. Sahyadri

Question ID : 75189712399  
Option 1 ID : 75189749593  
Option 2 ID : 75189749596  
Option 3 ID : 75189749595  
Option 4 ID : 75189749594  
Status : Answered  
Chosen Option : 3

Q.79 To get rid of pain in the stomach during indigestion, people use:

- Ans
- 1. lemon juice
  - 2. milk of magnesia
  - 3. gastric juice
  - 4. tomato juice

Question ID : 75189714786  
Option 1 ID : 75189759142  
Option 2 ID : 75189759143  
Option 3 ID : 75189759141  
Option 4 ID : 75189759144  
Status : Answered  
Chosen Option : 2

Q.80 A man travelled the first 200 km at a speed of 50 km/h, the next 300 km at a speed of  $x$  km/h and the final 280 km at a speed of 80 km/h. If his average speed for the whole journey is 52 km/h, then the value of  $x$  is:

- Ans
- 1. 45
  - 2. 42
  - 3. 36
  - 4. 40

Question ID : 75189712631  
Option 1 ID : 75189750524  
Option 2 ID : 75189750523  
Option 3 ID : 75189750521  
Option 4 ID : 75189750522  
Status : Answered  
Chosen Option : 4

Q.81 The current  $I$  flowing through an electric circuit of resistance 10 ohm is 5 amp. What is the heat generated per second?

- Ans
- 1. 50 calorie
  - 2. 250 calorie
  - 3. 50 joule
  - 4. 250 joule

Question ID : 75189713830  
Option 1 ID : 75189755320  
Option 2 ID : 75189755319  
Option 3 ID : 75189755318  
Option 4 ID : 75189755317  
Status : Answered  
Chosen Option : 1

**Q.82** Ram's salary increased by 12% and then decreased by 8%. Find the overall percentage change in his salary.

- Ans**
- 1. 3.4% increase
  - 2. 3.04% increase
  - 3. 3.04% decrease
  - 4. 3.4% decrease

Question ID : 75189712937  
Option 1 ID : 75189751748  
Option 2 ID : 75189751745  
Option 3 ID : 75189751746  
Option 4 ID : 75189751747  
Status : Answered  
Chosen Option : 2

**Q.83** An electric pump can fill a tank in 5 hours. Due to a leakage in the tank, it takes  $7\frac{1}{2}$  hours to fill the tank. How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

- Ans**
- 1. 30 hours
  - 2. 15 hours
  - 3. 20 hours
  - 4. 25 hours

Question ID : 75189712983  
Option 1 ID : 75189751929  
Option 2 ID : 75189751932  
Option 3 ID : 75189751931  
Option 4 ID : 75189751930  
Status : Answered  
Chosen Option : 2

**Q.84** G, H, I, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. Only one person lives above G. Only two people live between G and K. Neither J nor H live on the lowermost floor. I does not live on an odd-numbered floor. J lives immediately above K and immediately below H. Who lives on floor number 4?

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

Question ID : 75189713528  
Option 1 ID : 75189754110  
Option 2 ID : 75189754111  
Option 3 ID : 75189754109  
Option 4 ID : 75189754112  
Status : Answered  
Chosen Option : 3

Q.85 When lead nitrate is mixed with potassium iodine, the precipitate formed is \_\_\_\_\_.

- Ans
- 1. colourless lead iodide
  - 2. yellow colour potassium nitrate
  - 3. black colour potassium nitrate
  - 4. yellow colour lead iodide

Question ID : 75189714675  
Option 1 ID : 75189758699  
Option 2 ID : 75189758697  
Option 3 ID : 75189758700  
Option 4 ID : 75189758698  
Status : Not Answered  
Chosen Option : --

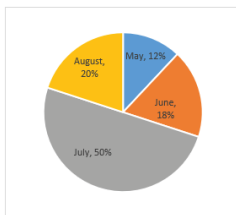
Q.86 In a certain code language, 'TONE' is written as 'VPMC' and 'FIRE' is written as 'HIQC'. How will 'CITY' be written in that language?

- Ans
- 1. EIUZ
  - 2. EGRX
  - 3. EHPU
  - 4. EJSW

Question ID : 75189714914  
Option 1 ID : 75189759655  
Option 2 ID : 75189759653  
Option 3 ID : 75189759656  
Option 4 ID : 75189759654  
Status : Answered  
Chosen Option : 4

Q.87 Study the given pie-chart and answer the question that follows.

The pie-chart depicts the percentage of passes issued in 4 months, out of the total number of passes issued (which is 50) in these 4 months together.



The number of passes issued to females in May and June was 3 and 5, respectively. What was the total number of passes issued to males in May and June together?

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

Question ID : 75189713675  
Option 1 ID : 75189754698  
Option 2 ID : 75189754699  
Option 3 ID : 75189754697  
Option 4 ID : 75189754700  
Status : Answered  
Chosen Option : 3

**Q.88** Under Abdul Kalam Technology Innovation National Fellowship funded by the Science and Engineering Research Board (SERB), the fellowship amount is \_\_\_\_\_ per month in addition to regular income research grant of ₹15 lakh per annum and an overhead of ₹1 lakh per annum.

- Ans**
- 1. ₹25,000
  - 2. ₹50,000
  - 3. ₹30,000
  - 4. ₹40,000

Question ID : 75189712344  
Option 1 ID : 75189749373  
Option 2 ID : 75189749376  
Option 3 ID : 75189749374  
Option 4 ID : 75189749375  
Status : Answered  
Chosen Option : 3

**Q.89** Which Indian state is made up of soft unconsolidated deposits and also known as the 'Molassis basin'?

- Ans**
- 1. Assam
  - 2. Mizoram
  - 3. Sikkim
  - 4. Arunachala Pradesh

Question ID : 75189714007  
Option 1 ID : 75189756026  
Option 2 ID : 75189756028  
Option 3 ID : 75189756027  
Option 4 ID : 75189756025  
Status : Answered  
Chosen Option : 2

**Q.90** In the Fleming's left hand rule index finger indicates the direction of the:

- Ans**
- 1. magnetic force
  - 2. electric current
  - 3. magnetic field
  - 4. motion of conductor

Question ID : 75189712231  
Option 1 ID : 75189748921  
Option 2 ID : 75189748922  
Option 3 ID : 75189748923  
Option 4 ID : 75189748924  
Status : Answered  
Chosen Option : 3



**Q.91** The data below gives the number of wickets taken by a bowler in 10 different matches. Find the mode of the data.

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

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

Question ID : 75189712989  
Option 1 ID : 75189751955  
Option 2 ID : 75189751956  
Option 3 ID : 75189751953  
Option 4 ID : 75189751954  
Status : Answered  
Chosen Option : 4

**Q.92** During the British rule in India, when did transfer of capital from Calcutta to Delhi take place?

- Ans**
- 1. 1919
  - 2. 1917
  - 3. 1911
  - 4. 1905

Question ID : 75189712354  
Option 1 ID : 75189749416  
Option 2 ID : 75189749415  
Option 3 ID : 75189749414  
Option 4 ID : 75189749413  
Status : Answered  
Chosen Option : 3

**Q.93** What is the net resistance of two resistors 10 ohm and 40 ohm connected in parallel?

- Ans**
- 1. 8 ohm
  - 2. 60 ohm
  - 3. 1/8 ohm
  - 4. 1/60 ohm

Question ID : 75189713811  
Option 1 ID : 75189755243  
Option 2 ID : 75189755241  
Option 3 ID : 75189755244  
Option 4 ID : 75189755242  
Status : Answered  
Chosen Option : 1

**Q.94** The sum of three consecutive numbers is 177. The mean of these three numbers is:

- Ans**
- 1. 57
  - 2. 58
  - 3. 59
  - 4. 60

Question ID : 75189711780  
Option 1 ID : 75189747120  
Option 2 ID : 75189747117  
Option 3 ID : 75189747118  
Option 4 ID : 75189747119  
Status : Answered  
Chosen Option : 3

**Q.95** Select the correct sequence of states according to the given sequence of cultural festivals celebrated in the respected states.

Hampi Dance Utsav, Mamallapuram Dance Utsav, Nishagandhi Festival, Taj Mahotsav

- Ans**
- 1. Uttar Pradesh, Tamil Nadu, Kerala, Karnataka
  - 2. Tamil Nadu, Karnataka, Kerala, Uttar Pradesh
  - 3. Karnataka, Tamil Nadu, Kerala, Uttar Pradesh
  - 4. Kerala, Tamil Nadu, Karnataka, Uttar Pradesh

Question ID : 75189713985  
Option 1 ID : 75189755939  
Option 2 ID : 75189755937  
Option 3 ID : 75189755940  
Option 4 ID : 75189755938  
Status : Answered  
Chosen Option : 3

**Q.96** 2250 m of wire is used to fence a rectangular plot in three rounds. The length of the plot exceeds the breadth by 5 m. What is the length of the plot?

- Ans**
- 1. 190 m
  - 2. 215 m
  - 3. 210 m
  - 4. 185 m

Question ID : 75189712069  
Option 1 ID : 75189748276  
Option 2 ID : 75189748273  
Option 3 ID : 75189748274  
Option 4 ID : 75189748275  
Status : Answered  
Chosen Option : 1

**Q.97** Which of the following gases is evolved when limestone undergoes thermal decomposition?

- Ans**
- 1. Hydrogen
  - 2. Carbon dioxide
  - 3. Oxygen
  - 4. Carbon monoxide

Question ID : 75189711867  
Option 1 ID : 75189747466  
Option 2 ID : 75189747468  
Option 3 ID : 75189747465  
Option 4 ID : 75189747467  
Status : Answered  
Chosen Option : 1

**Q.98** Which of the following compounds of carbon has a cage-like fused-ring structure that resembles a soccer ball?

- Ans**
- 1. C-60 fullerene
  - 2. Graphene
  - 3. Diamond
  - 4. Graphite

Question ID : 75189712765  
Option 1 ID : 75189751059  
Option 2 ID : 75189751060  
Option 3 ID : 75189751057  
Option 4 ID : 75189751058  
Status : Answered  
Chosen Option : 1

**Q.99** In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:

Before leaving for college, Sita is learning to cook basic meals from her mother.

Conclusions:

I. Sita didn't know how to cook.

II. Sita wants to throw a party for her friends before leaving for college.

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

Question ID : 75189714934  
Option 1 ID : 75189759735  
Option 2 ID : 75189759736  
Option 3 ID : 75189759734  
Option 4 ID : 75189759733  
Status : Answered  
Chosen Option : 4

**Q.100** If the cost price of an article is ₹800 and if a 15% loss is incurred on selling the article, find the selling price.

- Ans**
- 1. ₹860
  - 2. ₹760
  - 3. ₹680
  - 4. ₹780

Question ID : 75189712963  
Option 1 ID : 75189751852  
Option 2 ID : 75189751849  
Option 3 ID : 75189751851  
Option 4 ID : 75189751850  
Status : Answered  
Chosen Option : 3

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