



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	iON Digital Zone iDZ Siliguri
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 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. 1
 - ☒ 2. 0
 - ☒ 3. 4
 - ☒ 4. 2

Question ID : 75189712103

Option 1 ID : 75189748410

Option 2 ID : 75189748411

Option 3 ID : 75189748409

Option 4 ID : 75189748412

Status : Answered

Chosen Option : 4

Q.2 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. ₹3,232
 - ☒ 2. ₹2,525
 - ☒ 3. ₹5,252
 - ☒ 4. ₹2,323

Question ID : 75189713305

Option 1 ID : 75189753217

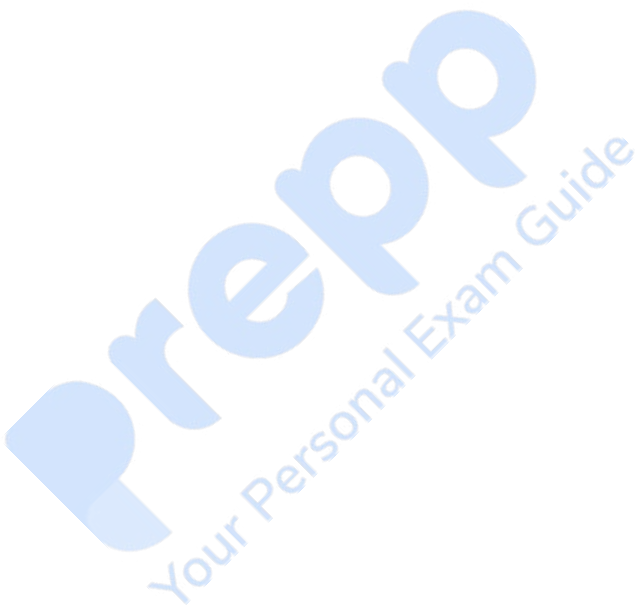
Option 2 ID : 75189753220

Option 3 ID : 75189753219

Option 4 ID : 75189753218

Status : Answered

Chosen Option : 1



Q.3 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. To the immediate left
 - ☒ 2. Third to the left
 - ☒ 3. To the immediate right
 - ☒ 4. Third to the right

Question ID : 75189711424

Option 1 ID : 75189745695

Option 2 ID : 75189745694

Option 3 ID : 75189745696

Option 4 ID : 75189745693

Status : Answered

Chosen Option : 2

Q.4 The current I flowing through an electric circuit of resistance 10 ohm is 5 amp. What is the heat generated per second?

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

Question ID : 75189713830

Option 1 ID : 75189755317

Option 2 ID : 75189755318

Option 3 ID : 75189755319

Option 4 ID : 75189755320

Status : Answered

Chosen Option : 1

Q.5 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. 5 km/h
 - ☒ 2. 3 km/h
 - ☒ 3. 2 km/h
 - ☒ 4. 4 km/h

Question ID : 75189711784

Option 1 ID : 75189747134

Option 2 ID : 75189747133

Option 3 ID : 75189747135

Option 4 ID : 75189747136

Status : Answered

Chosen Option : 2

Q.6 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. 32
 - ☒ 2. 12
 - ☒ 3. 24
 - ☒ 4. 15

Question ID : 75189712615

Option 1 ID : 75189750460

Option 2 ID : 75189750457

Option 3 ID : 75189750459

Option 4 ID : 75189750458

Status : Answered

Chosen Option : 1

Q.7 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. $P \leq W$
 - ☒ 2. $P > L$
 - ☒ 3. $T > L$
 - ☒ 4. $L < B$

Question ID : 75189714199

Option 1 ID : 75189756794

Option 2 ID : 75189756796

Option 3 ID : 75189756793

Option 4 ID : 75189756795

Status : Answered

Chosen Option : 1

Q.8 If α and β 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 : 75189750595

Option 2 ID : 75189750594

Option 3 ID : 75189750593

Option 4 ID : 75189750596

Status : Answered

Chosen Option : 2

Q.9 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. South
 - ✗ 4. East

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

Q.10 Ram's salary increased by 12% and then decreased by 8%. Find the overall percentage change in his salary.

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

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

Q.11 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 6, 14, 41, ?

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

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

Q.12 Newlands law of Octaves was applicable only up to element _____.

- Ans
- ☒ 1. Ca
 - ☐ 2. Mg
 - ☐ 3. Na
 - ☐ 4. K

Question ID : 75189714694

Option 1 ID : 75189758773

Option 2 ID : 75189758776

Option 3 ID : 75189758775

Option 4 ID : 75189758774

Status : Not Answered

Chosen Option : --

Q.13 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.14 The sum of the interior angles of a quadrilateral is equal to:

- Ans
- ☐ 1. 270°
 - ☐ 2. 180°
 - ☒ 3. 360°
 - ☐ 4. 390°

Question ID : 75189713412

Option 1 ID : 75189753647

Option 2 ID : 75189753645

Option 3 ID : 75189753646

Option 4 ID : 75189753648

Status : Answered

Chosen Option : 3

Q.15 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. the results of the Mendel's experiments
 - ☐ 2. speciation of organisms
 - ☐ 3. mutation in species
 - ☐ 4. variation in chromosomal number

Question ID : **75189714867**

Option 1 ID : **75189759468**

Option 2 ID : **75189759467**

Option 3 ID : **75189759465**

Option 4 ID : **75189759466**

Status : **Answered**

Chosen Option : **3**

Q.16 Which of the following gases is evolved when limestone undergoes thermal decomposition?

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

Question ID : **75189711867**

Option 1 ID : **75189747465**

Option 2 ID : **75189747468**

Option 3 ID : **75189747466**

Option 4 ID : **75189747467**

Status : **Answered**

Chosen Option : **2**

Q.17 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. ₹760
 - ☐ 2. ₹780
 - ☐ 3. ₹860
 - ☒ 4. ₹680

Question ID : **75189712963**

Option 1 ID : **75189751849**

Option 2 ID : **75189751850**

Option 3 ID : **75189751852**

Option 4 ID : **75189751851**

Status : **Answered**

Chosen Option : **4**

Q.18 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. 1,040
 - ☒ 2. 1,160
 - ☒ 3. 1,200
 - ☒ 4. 1,150

Question ID : 75189712628

Option 1 ID : 75189750509

Option 2 ID : 75189750511

Option 3 ID : 75189750512

Option 4 ID : 75189750510

Status : Answered

Chosen Option : 2

Q.19 $9(x)$, $x + 6$, $7(x) - 3$ and y are in proportion when $x = 3$. Find the value of y .

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

Question ID : 75189712948

Option 1 ID : 75189751789

Option 2 ID : 75189751791

Option 3 ID : 75189751790

Option 4 ID : 75189751792

Status : Answered

Chosen Option : 2

Q.20 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. $P = Vt/Q$
 - ☒ 2. $P = VQt$
 - ☒ 3. $P = VQ/t$
 - ☒ 4. $P = Qt/V$

Question ID : 75189713825

Option 1 ID : 75189755300

Option 2 ID : 75189755297

Option 3 ID : 75189755299

Option 4 ID : 75189755298

Status : Answered

Chosen Option : 3

Q.21 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. Neither conclusion (I) nor (II) follows.

✗ 3. Only conclusion (I) follows.

✗ 4. Both conclusions (I) and (II) follow.

Question ID : **75189714594**

Option 1 ID : **75189758374**

Option 2 ID : **75189758376**

Option 3 ID : **75189758373**

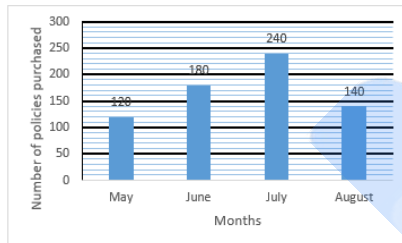
Option 4 ID : **75189758375**

Status : **Answered**

Chosen Option : **1**

Q.22 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. 33%

✗ 2. 40%

✗ 3. 66%

✗ 4. 75%

Question ID : **75189713674**

Option 1 ID : **75189754694**

Option 2 ID : **75189754696**

Option 3 ID : **75189754693**

Option 4 ID : **75189754695**

Status : **Answered**

Chosen Option : **1**

Q.23 In a certain code language, 'TONE' is written as 'VPMC' and 'FIRE' is written as 'HJQC'. How will 'CITY' be written in that language?

- Ans**
- ✓ 1. EJSW
 - ✗ 2. EGRX
 - ✗ 3. EHPU
 - ✗ 4. EIUZ

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

Q.24 Sohan is facing north-west. He turns 90° clockwise, then 360° anticlockwise and then 90° clockwise. In which direction is Sohan facing now?

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

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

Q.25 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. Z 34
 - ✗ 2. A 34
 - ✗ 3. Z 36
 - ✓ 4. A 36

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

Q.26 Express $4.\overline{142}$ in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

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

Question ID : 75189712914

Option 1 ID : 75189751654

Option 2 ID : 75189751653

Option 3 ID : 75189751656

Option 4 ID : 75189751655

Status : Answered

Chosen Option : 1

Q.27 The Kamet peak of Himalaya is located in which state of India?

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

Question ID : 7518977522

Option 1 ID : 75189730086

Option 2 ID : 75189730085

Option 3 ID : 75189730087

Option 4 ID : 75189730088

Status : Not Answered

Chosen Option : --

Q.28 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. 73
 - ✗ 3. 75
 - ✓ 4. 89

Question ID : 75189713227

Option 1 ID : 75189752907

Option 2 ID : 75189752905

Option 3 ID : 75189752906

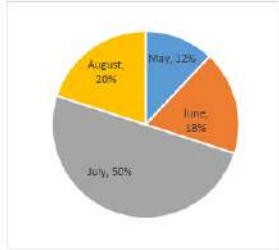
Option 4 ID : 75189752908

Status : Answered

Chosen Option : 4

Q.29 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. 6
 - ☒ 2. 8
 - ☒ 3. 5
 - ☒ 4. 7

Question ID : 75189713675

Option 1 ID : 75189754699

Option 2 ID : 75189754700

Option 3 ID : 75189754698

Option 4 ID : 75189754697

Status : Answered

Chosen Option : 4

Q.30 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 358
 - ☒ 2. Article 359
 - ☒ 3. Article 368
 - ☒ 4. Article 366

Question ID : 75189710487

Option 1 ID : 75189741945

Option 2 ID : 75189741947

Option 3 ID : 75189741946

Option 4 ID : 75189741948

Status : Answered

Chosen Option : 3

Q.31 $\{[(54.36 \times 0.4) + 0.256] \div \sqrt{121}\}$ equals:

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

Question ID : 75189711998

Option 1 ID : 75189747989

Option 2 ID : 75189747991

Option 3 ID : 75189747992

Option 4 ID : 75189747990

Status : Answered

Chosen Option : 2

Q.32 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. 47.2
 - ☒ 2. 42.7
 - ☒ 3. 43.7
 - ☒ 4. 42.1

Question ID : 75189713441

Option 1 ID : 75189753762

Option 2 ID : 75189753763

Option 3 ID : 75189753761

Option 4 ID : 75189753764

Status : Answered

Chosen Option : 4

Q.33 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. Venkateswarlu M
 - ☒ 3. Debabrata Mandal
 - ☒ 4. Dr. Jeemon Panniyammakal

Question ID : 75189714029

Option 1 ID : 75189756115

Option 2 ID : 75189756113

Option 3 ID : 75189756116

Option 4 ID : 75189756114

Status : Not Answered

Chosen Option : --

Q.34 Which Act provided constitutional status to the Panchayati Raj institutions?

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

Question ID : 75189714080

Option 1 ID : 75189756318

Option 2 ID : 75189756320

Option 3 ID : 75189756317

Option 4 ID : 75189756319

Status : Answered

Chosen Option : 2

Q.35 Compounds of carbon containing carbon-carbon double bond are known as:

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

Question ID : 75189712766

Option 1 ID : 75189751064

Option 2 ID : 75189751063

Option 3 ID : 75189751062

Option 4 ID : 75189751061

Status : Answered

Chosen Option : 1

Q.36 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. 3
 - ☒ 4. 2

Question ID : 75189712989

Option 1 ID : 75189751955

Option 2 ID : 75189751956

Option 3 ID : 75189751954

Option 4 ID : 75189751953

Status : Answered

Chosen Option : 3

Q.37 Who among the following won her maiden Commonwealth Games gold medal in 62 kg Wrestling at the Commonwealth Games 2022?

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

Question ID : 75189712535

Option 1 ID : 75189750137

Option 2 ID : 75189750138

Option 3 ID : 75189750139

Option 4 ID : 75189750140

Status : Answered

Chosen Option : 3

Q.38 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. Sphygmomanometer
 - ✓ 2. Stethoscope
 - ✗ 3. Oximeter
 - ✗ 4. Potometer

Question ID : 75189714850

Option 1 ID : 75189759398

Option 2 ID : 75189759397

Option 3 ID : 75189759399

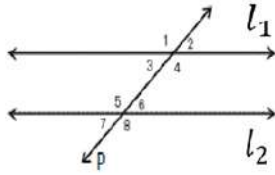
Option 4 ID : 75189759400

Status : Answered

Chosen Option : 1

Q.39 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°
 - ☒ 2. 10°
 - ☒ 3. 20°
 - ☒ 4. 45°

Question ID : **75189712091**

Option 1 ID : **75189748363**

Option 2 ID : **75189748361**

Option 3 ID : **75189748362**

Option 4 ID : **75189748364**

Status : **Answered**

Chosen Option : **3**

Q.40 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. **L**
 - ☒ 2. **K**
 - ☒ 3. **H**
 - ☒ 4. **J**

Question ID : **75189713528**

Option 1 ID : **75189754112**

Option 2 ID : **75189754111**

Option 3 ID : **75189754109**

Option 4 ID : **75189754110**

Status : **Answered**

Chosen Option : **3**

Q.41 The Reserve Bank of India was nationalised with effect from 1st January, _____.

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

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

Q.42 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. 313
 - ☒ 3. 303
 - ☒ 4. 606

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

Q.43 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. P
 - ☒ 2. N
 - ☒ 3. O
 - ☒ 4. M

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

Q.44 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. 13
 - ✗ 2. 24
 - ✗ 3. 18
 - ✗ 4. 9

Question ID : **75189712710**

Option 1 ID : **75189750837**

Option 2 ID : **75189750840**

Option 3 ID : **75189750839**

Option 4 ID : **75189750838**

Status : **Answered**

Chosen Option : 1

Q.45 নিম্নলিখিতগুলির মধ্যে কোন পদার্থগুলো জৈববিশেষ্য নয়?

- Ans**
- ✗ 1. একটি চামড়ার বেল্ট এবং একটি ক্যানভাস জুতা
 - ✓ 2. কাচের থালা এবং প্লাস্টিকের কভার
 - ✗ 3. একটি পশমী কম্বল এবং একটি পাটের দড়ি
 - ✗ 4. একটি পিচবোর্ডের বাক্স এবং একটি কাগজের ব্যাগ

Question ID : **75189712315**

Option 1 ID : **75189749259**

Option 2 ID : **75189749260**

Option 3 ID : **75189749258**

Option 4 ID : **75189749257**

Status : **Answered**

Chosen Option : 2

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

Question ID : **75189714945**

Option 1 ID : **75189759778**

Option 2 ID : **75189759779**

Option 3 ID : **75189759777**

Option 4 ID : **75189759780**

Status : **Answered**

Chosen Option : 3

Q.47 বসন্ত ঋতুতে উদ্ভিদে, শিকড়ে সঞ্চিত খাদ্য উপাদান সাধারণত _____ তে চলে যায়।

- Ans
- ☒ 1. ফুল
 - ☒ 2. কুঁড়ি
 - ☒ 3. পাতা
 - ☒ 4. ফল

Question ID : 75189712573

Option 1 ID : 75189750291

Option 2 ID : 75189750292

Option 3 ID : 75189750289

Option 4 ID : 75189750290

Status : Answered

Chosen Option : 3

Q.48 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. 25 hours
 - ☒ 2. 30 hours
 - ☒ 3. 20 hours
 - ☒ 4. 15 hours

Question ID : 75189712983

Option 1 ID : 75189751930

Option 2 ID : 75189751929

Option 3 ID : 75189751931

Option 4 ID : 75189751932

Status : Answered

Chosen Option : 4

Q.49 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. 4
 - ☒ 3. 3
 - ☒ 4. 8

Question ID : 75189713278

Option 1 ID : 75189753111

Option 2 ID : 75189753110

Option 3 ID : 75189753109

Option 4 ID : 75189753112

Status : Answered

Chosen Option : 2

Q.50 In Flemming's left hand rule; the thumb, fore finger and centre finger respectively represent,

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

Question ID : **75189713853**

Option 1 ID : **75189755411**

Option 2 ID : **75189755409**

Option 3 ID : **75189755412**

Option 4 ID : **75189755410**

Status : **Answered**

Chosen Option : **3**

Q.51 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. Only conclusion (I) follows.
 - ☒ 2. Both conclusions (I) and (II) follow.
 - ☒ 3. Neither conclusion (I) nor (II) follows.
 - ☒ 4. Only conclusion (II) follows.

Question ID : **75189714631**

Option 1 ID : **75189758521**

Option 2 ID : **75189758523**

Option 3 ID : **75189758524**

Option 4 ID : **75189758522**

Status : **Answered**

Chosen Option : **4**

Q.52 An imaginary line passing through principal focus, centre of curvature and pole of a Spherical Mirror is known as _____.

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

Question ID : **7518979475**
Option 1 ID : **75189737900**
Option 2 ID : **75189737897**
Option 3 ID : **75189737899**
Option 4 ID : **75189737898**

Status : **Answered**

Chosen Option : **3**

Q.53 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. 7
 - ☒ 2. 6
 - ☒ 3. 5
 - ☒ 4. 8

Question ID : **75189714185**
Option 1 ID : **75189756739**
Option 2 ID : **75189756737**
Option 3 ID : **75189756738**
Option 4 ID : **75189756740**

Status : **Answered**

Chosen Option : **4**

Q.54 Where was Swami Mahavir born?

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

Question ID : **75189712150**
Option 1 ID : **75189748598**
Option 2 ID : **75189748597**
Option 3 ID : **75189748599**
Option 4 ID : **75189748600**

Status : **Answered**

Chosen Option : **2**

Q.55 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. Either conclusion I or III follows
 - ☒ 3. All conclusions I, II and III follow
 - ☒ 4. Only conclusion I follows

Question ID : **75189714516**

Option 1 ID : **75189758062**

Option 2 ID : **75189758063**

Option 3 ID : **75189758064**

Option 4 ID : **75189758061**

Status : **Answered**

Chosen Option : **3**

Q.56 Which Indian state is made up of soft unconsolidated deposits and also known as the 'Molassis basin'?

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

Question ID : **75189714007**

Option 1 ID : **75189756028**

Option 2 ID : **75189756026**

Option 3 ID : **75189756025**

Option 4 ID : **75189756027**

Status : **Not Answered**

Chosen Option : **--**

Q.57 Which of the following numbers will replace the question mark (?) in the given series?

50 42 34 26 ?

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

Question ID : 75189712667

Option 1 ID : 75189750668

Option 2 ID : 75189750667

Option 3 ID : 75189750666

Option 4 ID : 75189750665

Status : Answered

Chosen Option : 3

Q.58 প্রদত্ত সংখ্যা-চিহ্নের শ্রেণিটি পড়ুন এবং পরবর্তী প্রশ্নের উত্তর দিন।

(বাম) 4 * 2 % 3 + = 3 2 % 5 9 & 4 \$ 7 5 & # * 8 5 @ 3 (ডান)

এমন কতগুলি চিহ্ন আছে, যাদের ঠিক আগে একটি সংখ্যা এবং ঠিক পরেও একটি সংখ্যা আছে?

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

Question ID : 75189714972

Option 1 ID : 75189759887

Option 2 ID : 75189759888

Option 3 ID : 75189759885

Option 4 ID : 75189759886

Status : Answered

Chosen Option : 4

Q.59 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. E
 - ☒ 2. B
 - ☒ 3. F
 - ☒ 4. A

Question ID : 7518979131

Option 1 ID : 75189736521

Option 2 ID : 75189736522

Option 3 ID : 75189736524

Option 4 ID : 75189736523

Status : Answered

Chosen Option : 1

Q.60 Blood coagulation occurs with the help of:

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

Question ID : 75189710203

Option 1 ID : 75189740809

Option 2 ID : 75189740811

Option 3 ID : 75189740812

Option 4 ID : 75189740810

Status : Answered

Chosen Option : 3

Q.61 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. Karnataka, Tamil Nadu, Kerala, Uttar Pradesh
 - ☒ 2. Tamil Nadu, Karnataka, Kerala, Uttar Pradesh
 - ☒ 3. Uttar Pradesh, Tamil Nadu, Kerala, Karnataka
 - ☒ 4. Kerala, Tamil Nadu, Karnataka, Uttar Pradesh

Question ID : 75189713985

Option 1 ID : 75189755940

Option 2 ID : 75189755937

Option 3 ID : 75189755939

Option 4 ID : 75189755938

Status : Answered

Chosen Option : 1

Q.62 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. $V_A > V_B > V_C$
 - ☒ 3. $V_A > V_C > V_B$
 - ☒ 4. $V_C > V_B > V_A$

Question ID : 75189711275

Option 1 ID : 75189745099

Option 2 ID : 75189745097

Option 3 ID : 75189745100

Option 4 ID : 75189745098

Status : Answered

Chosen Option : 1

Q.63 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-D; III-A; IV-A

☒ 2. I-B; II-C; III-D; IV-C

☒ 3. I-C; II-A; III-B; IV-D

☒ 4. I-A; II-B; III-C; IV-D

Question ID : 75189710188

Option 1 ID : 75189740752

Option 2 ID : 75189740751

Option 3 ID : 75189740750

Option 4 ID : 75189740749

Status : Answered

Chosen Option : 3

Q.64 Which of the following solutions has the lowest pH value?

Ans ☒ 1. Tomato juice

☒ 2. Saliva (before a meal)

☒ 3. Saliva (after a meal)

☒ 4. Coffee

Question ID : 75189710357

Option 1 ID : 75189741425

Option 2 ID : 75189741427

Option 3 ID : 75189741428

Option 4 ID : 75189741426

Status : Answered

Chosen Option : 3

Q.65 India's services exports achieved above _____ billion for the first time during April-March 2021-22.

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

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

Q.66 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. P
 - ✗ 2. O
 - ✗ 3. N
 - ✓ 4. R

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

Q.67 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. Only conclusion II follows
 - ✗ 2. Neither conclusion I nor II follows
 - ✓ 3. Only conclusion I follows
 - ✗ 4. Both conclusions I and II follow

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

Q.68 সিভ প্লেট _____ এ পাওয়া যায়।

- Ans ☒ 1. ক্লেয়েম নল কোশ
- ☒ 2. ক্লেয়েম প্যারেনকাইমা কোশ
- ☒ 3. ক্লেয়েম ফাইবার কোশ
- ☒ 4. ক্লেয়েম সঙ্গী কোশ

Question ID : 75189712251

Option 1 ID : 75189749003

Option 2 ID : 75189749001

Option 3 ID : 75189749002

Option 4 ID : 75189749004

Status : Not Answered

Chosen Option : --

Q.69 Find the roots of the quadratic equation $x^2 + 30x + 104 = 0$

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

Question ID : 75189712078

Option 1 ID : 75189748311

Option 2 ID : 75189748309

Option 3 ID : 75189748312

Option 4 ID : 75189748310

Status : Answered

Chosen Option : 3

Q.70 দৃশ্যমান আলোর তরঙ্গদৈর্ঘ্যের থেকে আকারে _____ কণাগুলির দ্বারা আলোর _____ এর জন্য পরিষ্কার আকাশের রং আকাশি।

- Ans ☒ 1. বড়, প্রতিসরণ
- ☒ 2. ছোট, প্রতিসরণ
- ☒ 3. ছোট, বিক্ষেপণ
- ☒ 4. বড়, বিক্ষেপণ

Question ID : 7518976662

Option 1 ID : 75189726645

Option 2 ID : 75189726647

Option 3 ID : 75189726648

Option 4 ID : 75189726646

Status : Answered

Chosen Option : 3

Q.71 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. Assam
 - ✗ 2. Odisha
 - ✗ 3. Nagaland
 - ✗ 4. Haryana

Question ID : 7518977169
Option 1 ID : 75189728673
Option 2 ID : 75189728676
Option 3 ID : 75189728674
Option 4 ID : 75189728675
Status : Answered
Chosen Option : 3

Q.72 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. HQCKY
 - ✗ 3. PMKGG
 - ✗ 4. HMCY

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

Q.73 The Santosh Trophy is related to which of the following sports in India?

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

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

Q.74 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. 40
 - ☒ 3. 42
 - ☒ 4. 36

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

Q.75 The sum of three consecutive numbers is 177. The mean of these three numbers is:

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

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

Q.76 The Western Ghats are locally known by which name in Maharashtra?

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

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

Q.77 When lead nitrate is mixed with potassium iodine, the precipitate formed is _____.

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

Question ID : 75189714675

Option 1 ID : 75189758697

Option 2 ID : 75189758699

Option 3 ID : 75189758700

Option 4 ID : 75189758698

Status : Answered

Chosen Option : 2

Q.78 The Steel Authority of India Limited was earlier known as _____.

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

Question ID : 75189712495

Option 1 ID : 75189749980

Option 2 ID : 75189749977

Option 3 ID : 75189749979

Option 4 ID : 75189749978

Status : Not Answered

Chosen Option : --

Q.79 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.80 নিম্নলিখিত কোল ধ্রুপদী ভাষাকে 'প্রাচ্যের ইতালীয়' বলা হয় কারণ এই ভাষার সমস্ত শব্দ স্বরধ্বনি দিয়ে শেষ হয়?

- Ans**
- ☒ 1. কন্নড়
 - ☒ 2. মালয়লাম
 - ☒ 3. তেলেগু
 - ☒ 4. মারাঠি

Question ID : 75189714047

Option 1 ID : 75189756188

Option 2 ID : 75189756187

Option 3 ID : 75189756186

Option 4 ID : 75189756185

Status : Answered

Chosen Option : 2

Q.81 How many sessions of the Lok Sabha take place in a year?

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

Question ID : 75189714072

Option 1 ID : 75189756288

Option 2 ID : 75189756285

Option 3 ID : 75189756286

Option 4 ID : 75189756287

Status : Answered

Chosen Option : 3

Q.82 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. 3
 - ☒ 2. 5
 - ☒ 3. 1
 - ☒ 4. 9

Question ID : 75189713056

Option 1 ID : 75189752221

Option 2 ID : 75189752224

Option 3 ID : 75189752222

Option 4 ID : 75189752223

Status : Answered

Chosen Option : 3

Q.83 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. (10, 401, 9)
 - ☒ 2. (11, 188, 6)
 - ☒ 3. (18, 270, 3)
 - ☒ 4. (12, 197, 4)

Question ID : **75189711621**

Option 1 ID : **75189746481**

Option 2 ID : **75189746484**

Option 3 ID : **75189746483**

Option 4 ID : **75189746482**

Status : **Answered**

Chosen Option : **3**

Q.84 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. 8 times
 - ☒ 3. 6 times
 - ☒ 4. 7 times

Question ID : **75189713406**

Option 1 ID : **75189753623**

Option 2 ID : **75189753621**

Option 3 ID : **75189753624**

Option 4 ID : **75189753622**

Status : **Answered**

Chosen Option : **2**

Q.85 মেদিনীপুর জেলার আরাবারি জঙ্গলের পরিসীমাতে স্থানীয় মানুষের সক্রিয় এবং ইচ্ছাকৃত যোগদানের ফলে কোন ধরনের বন উল্লেখযোগ্যভাবে পুনরুদ্ধার করা সম্ভব হয়েছে?

- Ans**
- ☒ 1. নিম বন
 - ☒ 2. সেগুন বন
 - ☒ 3. চন্দনকাঠ বন
 - ☒ 4. শাল বন

Question ID : **75189710294**

Option 1 ID : **75189741174**

Option 2 ID : **75189741173**

Option 3 ID : **75189741176**

Option 4 ID : **75189741175**

Status : **Answered**

Chosen Option : **3**

Q.86 During the British rule in India, when did transfer of capital from Calcutta to Delhi take place?

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

Question ID : 75189712354

Option 1 ID : 75189749415

Option 2 ID : 75189749414

Option 3 ID : 75189749416

Option 4 ID : 75189749413

Status : Answered

Chosen Option : 2

Q.87 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. ₹40,000
☒ 3. ₹50,000
☒ 4. ₹30,000

Question ID : 75189712344

Option 1 ID : 75189749373

Option 2 ID : 75189749375

Option 3 ID : 75189749376

Option 4 ID : 75189749374

Status : Not Answered

Chosen Option : --

Q.88 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. 3
☒ 4. 4

Question ID : 75189714575

Option 1 ID : 75189758298

Option 2 ID : 75189758297

Option 3 ID : 75189758299

Option 4 ID : 75189758300

Status : Answered

Chosen Option : 2

Q.89 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 $\overline{CE} \parallel \overline{BA}$, intersecting $\overline{AD}$ at E. Find the ratio of the area of $\triangle DEC$ to the area of the rectangle ABCE.

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

Question ID : 75189711801

Option 1 ID : 75189747204

Option 2 ID : 75189747202

Option 3 ID : 75189747201

Option 4 ID : 75189747203

Status : Answered

Chosen Option : 2

Q.90 To get rid of pain in the stomach during indigestion, people use:

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

Question ID : 75189714786

Option 1 ID : 75189759141

Option 2 ID : 75189759144

Option 3 ID : 75189759143

Option 4 ID : 75189759142

Status : Answered

Chosen Option : 3

Q.91 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. Three
 - ☒ 2. Two
 - ☒ 3. One
 - ☒ 4. Four

Question ID : 75189713554

Option 1 ID : 75189754215

Option 2 ID : 75189754214

Option 3 ID : 75189754213

Option 4 ID : 75189754216

Status : Answered

Chosen Option : 2

Q.92 In which year can the calendar of the year 2024 be used again?

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

Question ID : 75189713577

Option 1 ID : 75189754306

Option 2 ID : 75189754305

Option 3 ID : 75189754307

Option 4 ID : 75189754308

Status : Answered

Chosen Option : 2

Q.93 Simplify $(x + 2)(2x + 5)(x - 4) + x^2 + 5x - 12$.

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

Question ID : 75189712060

Option 1 ID : 75189748240

Option 2 ID : 75189748237

Option 3 ID : 75189748238

Option 4 ID : 75189748239

Status : Answered

Chosen Option : 3

Q.94 Dobereiner tried to arrange the elements with similar properties into groups. For this he identified some groups having how many elements?

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

Question ID : 75189711917

Option 1 ID : 75189747666

Option 2 ID : 75189747665

Option 3 ID : 75189747668

Option 4 ID : 75189747667

Status : Not Answered

Chosen Option : --

Q.95 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. Credit Rating
 - ☒ 3. Trust Rating
 - ☒ 4. Status Rating

Question ID : **75189712481**
Option 1 ID : **75189749924**
Option 2 ID : **75189749923**
Option 3 ID : **75189749922**
Option 4 ID : **75189749921**
Status : **Not Answered**
Chosen Option : --

Q.96 নিচের কোন কার্বন যৌগের একটি খাঁচা-সদৃশ বলয় গঠন রয়েছে যার আকার একটি ফুটবলের মতো?

- Ans
- ☒ 1. গ্রাফিন
 - ☒ 2. C-60 ফুলেরিন
 - ☒ 3. গ্রাফাইট
 - ☒ 4. হীরা

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

Q.97 যদি নিম্নলিখিত শব্দগুলির প্রতিটি বর্ণকে ইংরাজী বর্ণানুক্রম অনুসারে তার পূর্ববর্তী বর্ণটি দ্বারা প্রতিস্থাপন করা হয় তবে কতগুলি এমন শব্দ তৈরি হবে যাদের একটি স্বরবর্ণ (vowel) থাকবে?

JUST, RIME, BEST, FAST, LOST, TIME

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

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

Q.98 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. 185 m
 - ☒ 2. 210 m
 - ☒ 3. 215 m
 - ☒ 4. 190 m

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

Q.99 In the Fleming's left hand rule index finger indicates the direction of the:

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

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

Q.100 What is the net resistance of two resistors 10 ohm and 40 ohm connected in parallel?

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

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