



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

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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 $10\ \text{ohm}$ is $5\ \text{amp}$. 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 $30\ \text{km}$ upstream and $44\ \text{km}$ downstream in a total of $10\ \text{hours}$. It also goes $40\ \text{km}$ upstream and $55\ \text{km}$ downstream in a total of $13\ \text{hours}$. The speed of the stream is:

- Ans**
- 1. $5\ \text{km/h}$
 - 2. $3\ \text{km/h}$
 - 3. $2\ \text{km/h}$
 - 4. $4\ \text{km/h}$

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

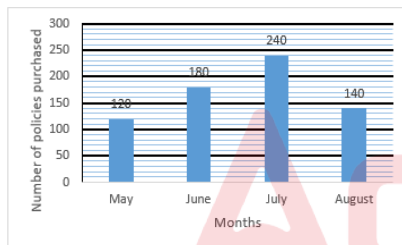
Option 4 ID : 75189758375

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 : --

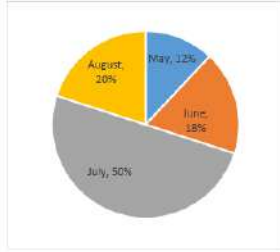
Q.28 In a particular language, AC is written as 13 and FG is written as 67. How will HI be written in that language?

- 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

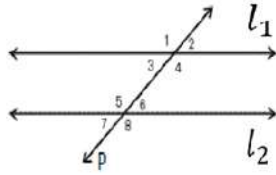
Option 4 ID : 75189759400

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 .

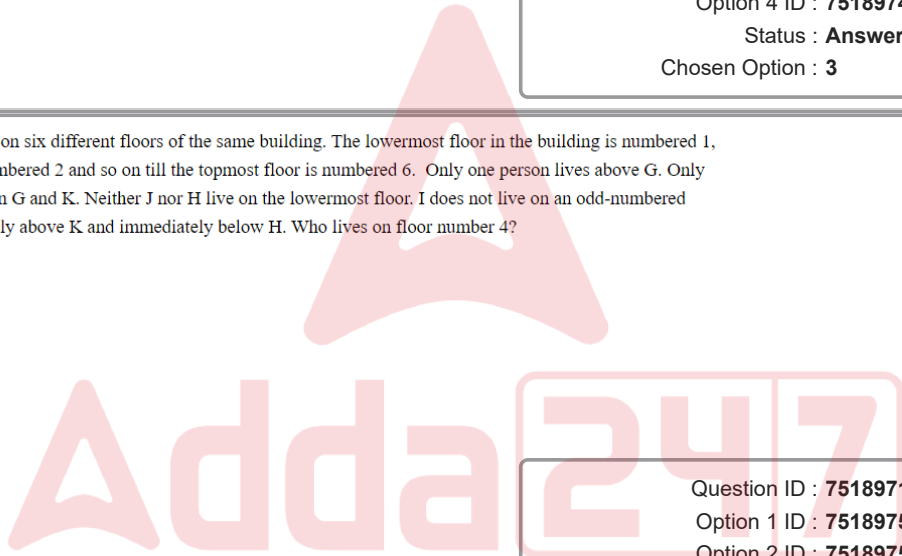


- Ans
- 1. 40°
 - 2. 10°
 - 3. 20°
 - 4. 45°

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 জৈববিশোধনীয় 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. ক্লোয়েম নল কোশ
 - ✗ 2. ক্লোয়েম প্যারেনকাইমা কোশ
 - ✗ 3. ক্লোয়েম ফাইবার কোশ
 - ✗ 4. ক্লোয়েম 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 কোন 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