



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 Manimangalam
Test Date	15/09/2022
Test Time	9:00 AM - 10:30 AM
Subject	Level 1

* Note

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

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 Electric energy consumed in one second is:

- Ans
- 1. work
 - 2. potential energy
 - 3. power
 - 4. current

Question ID : 7518979569
Option 1 ID : 75189738273
Option 2 ID : 75189738276
Option 3 ID : 75189738275
Option 4 ID : 75189738274
Status : Answered
Chosen Option : 3

Q.2 The Government of India has approved the Centrally Sponsored Scheme 'Pradhan Mantri Poshan Shakti Nirman (PM POSHAN)' for providing one hot cooked meal in Government and Government - aided Schools from 2021-22 to _____

- Ans
- 1. 2024-25
 - 2. 2023-24
 - 3. 2025-26
 - 4. 2026-27

Question ID : 75189711107
Option 1 ID : 75189744428
Option 2 ID : 75189744426
Option 3 ID : 75189744425
Option 4 ID : 75189744427
Status : Not Answered
Chosen Option : --

Q.3 A boy goes to school at a speed of 3 km/h. He returns at a speed of 5 km/h. He takes a total of 4 hours for both going to school and returning. The distance (in km) between his home and school is:

- Ans**
- 1. 7.2
 - 2. 7.3
 - 3. 7.4
 - 4. 7.5

Question ID : 7518979958
Option 1 ID : 75189739829
Option 2 ID : 75189739830
Option 3 ID : 75189739831
Option 4 ID : 75189739832
Status : Answered
Chosen Option : 4

Q.4 Which of the following properties remain(s) the same in a homologous series?

- Ans**
- 1. Boiling points
 - 2. Molecular mass
 - 3. Melting points
 - 4. Chemical properties

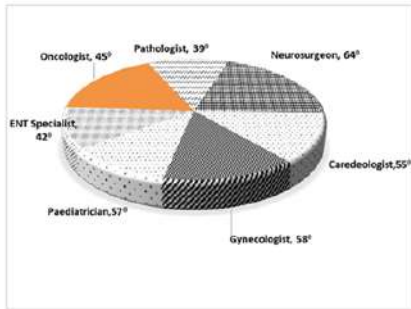
Question ID : 75189710324
Option 1 ID : 75189741294
Option 2 ID : 75189741293
Option 3 ID : 75189741296
Option 4 ID : 75189741295
Status : Answered
Chosen Option : 4

Q.5 White AgCl turns grey in presence of:

- Ans**
- 1. O₂
 - 2. CO₂
 - 3. sunlight
 - 4. Water

Question ID : 7518979617
Option 1 ID : 75189738465
Option 2 ID : 75189738468
Option 3 ID : 75189738466
Option 4 ID : 75189738467
Status : Answered
Chosen Option : 3

Q.6 The following pie chart shows the different specialists in ABC hospital during the year 2021–2022. Study the pie-chart and answer the question.



If the total number of all these specialists was 60, then how many ENT specialists were there in the hospital?

- Ans**
- 1. 7
 - 2. 12
 - 3. 10
 - 4. 5

Question ID : 75189710969
 Option 1 ID : 75189743874
 Option 2 ID : 75189743876
 Option 3 ID : 75189743875
 Option 4 ID : 75189743873
 Status : Answered
 Chosen Option : 1

Q.7 If m , v and u , respectively, represent magnification, image distance and object distance, then the correct relation between m , v and u for a lens will be:

- Ans**
- 1. $m = \frac{u}{v}$
 - 2. $m = u + v$
 - 3. $m = \frac{v}{u}$
 - 4. $m = v \times u$

Question ID : 7518979514
 Option 1 ID : 75189738056
 Option 2 ID : 75189738053
 Option 3 ID : 75189738055
 Option 4 ID : 75189738054
 Status : Answered
 Chosen Option : 3

Q.8 Which of the following Ministries of India, has created 'Women Safety Division' to address issues of women safety comprehensively?

- Ans**
- 1. Ministry of Labour and Employment
 - 2. Ministry of Home Affairs
 - 3. Ministry of Law and Justice
 - 4. Ministry of Women and Child Development

Question ID : 75189710532

Option 1 ID : 75189742127

Option 2 ID : 75189742125

Option 3 ID : 75189742128

Option 4 ID : 75189742126

Status : **Marked For Review**

Chosen Option : 4

Q.9 Six persons are sitting around a circular table facing the centre. Alok sits to the immediate right of Sonu. Ladoo sits third to the left of Alok. Soni sits third to the right of Sonu. Dimple is an immediate neighbour of both Ladoo and Sonu. Sushma is not an immediate neighbour of Ladoo. Who sits second to the right of Sushma?

- Ans**
- 1. Alok
 - 2. Dimple
 - 3. Sonu
 - 4. Ladoo

Question ID : 7518979807

Option 1 ID : 75189739227

Option 2 ID : 75189739226

Option 3 ID : 75189739228

Option 4 ID : 75189739225

Status : **Answered**

Chosen Option : 4

Q.10 Which of the following states was ranked first in Category I of e-Panchayat Puraskar 2021?

- Ans**
- 1. Uttar Pradesh
 - 2. Haryana
 - 3. Himachal Pradesh
 - 4. Rajasthan

Question ID : 75189710613

Option 1 ID : 75189742451

Option 2 ID : 75189742452

Option 3 ID : 75189742450

Option 4 ID : 75189742449

Status : **Not Answered**

Chosen Option : --

Q.11 If $6 : 18 :: 18 : y$, find the value of y .

- Ans
- 1. 36
 - 2. 108
 - 3. 54
 - 4. 72

Question ID : 75189710648
Option 1 ID : 75189742590
Option 2 ID : 75189742589
Option 3 ID : 75189742591
Option 4 ID : 75189742592
Status : Answered
Chosen Option : 3

Q.12 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 12 m and 7 m.

Take $\pi = \frac{22}{7}$

- Ans
- 1. 19
 - 2. 11
 - 3. 22
 - 4. 37

Question ID : 75189710020
Option 1 ID : 75189740079
Option 2 ID : 75189740080
Option 3 ID : 75189740078
Option 4 ID : 75189740077
Status : Answered
Chosen Option : 3

Q.13 Chlorophyll pigment is present in which of the following components of a cell?

- Ans
- 1. Mitochondria
 - 2. Ribosomes
 - 3. Chloroplasts
 - 4. Lysosomes

Question ID : 7518977786
Option 1 ID : 75189731143
Option 2 ID : 75189731142
Option 3 ID : 75189731141
Option 4 ID : 75189731144
Status : Answered
Chosen Option : 3

Q.14 A man sells two articles for ₹20,000 each. He gets a profit of 15% on one article and loses 15% on the other article. What is his overall profit or loss (to the nearest integer) in this transaction?

- Ans**
- 1. ₹1,021 loss
 - 2. ₹921 loss
 - 3. ₹1,021 profit
 - 4. ₹921 profit

Question ID : 7518979944
Option 1 ID : 75189739776
Option 2 ID : 75189739774
Option 3 ID : 75189739775
Option 4 ID : 75189739773
Status : **Marked For Review**
Chosen Option : 2

Q.15 As per a news report of February 2022, _____ developed a biodegradable nanoparticle to protect crops from fungal and bacterial infections.

- Ans**
- 1. IIT Guwahati
 - 2. IIT Roorkee
 - 3. IIT Kharagpur
 - 4. IIT Kanpur

Question ID : 7518978832
Option 1 ID : 75189735328
Option 2 ID : 75189735327
Option 3 ID : 75189735325
Option 4 ID : 75189735326
Status : **Not Answered**
Chosen Option : --

Q.16 The heating element of a bulb is made up of:

- Ans**
- 1. copper
 - 2. mercury
 - 3. silicon
 - 4. tungsten

Question ID : 7518979549
Option 1 ID : 75189738195
Option 2 ID : 75189738196
Option 3 ID : 75189738193
Option 4 ID : 75189738194
Status : **Answered**
Chosen Option : 4

Q.17 Two pipes can fill a tank in 25 hours and 35 hours, respectively. The time (in hours) required to fill the tank when both pipes are opened simultaneously is:

Ans

1. $\frac{165}{12}$

2. $\frac{175}{14}$

3. $\frac{175}{12}$

4. $\frac{165}{14}$

Question ID : 7518979965

Option 1 ID : 75189739858

Option 2 ID : 75189739859

Option 3 ID : 75189739857

Option 4 ID : 75189739860

Status : Answered

Chosen Option : 3

Q.18 This question is based on the five, three-digit numbers given below.

(Left) 986 432 631 387 267 (Right)

(Example- 123 – First digit = 1, second digit = 2 and third digit = 3)

NOTE - All operations to be done from left to right.

What will be the resultant if the second digit of the third greatest number is added to the third digit of the smallest number?

Ans 1. 9

2. 10

3. 11

4. 12

Question ID : 75189711045

Option 1 ID : 75189744180

Option 2 ID : 75189744179

Option 3 ID : 75189744178

Option 4 ID : 75189744177

Status : Answered

Chosen Option : 2

Q.19 Which of the following states has the oldest operating oil refinery in India since 1901?

- Ans
- 1. Madhya Pradesh
 - 2. West Bengal
 - 3. Assam
 - 4. Mumbai

Question ID : 7518977534
Option 1 ID : 75189730135
Option 2 ID : 75189730133
Option 3 ID : 75189730136
Option 4 ID : 75189730134
Status : Answered
Chosen Option : 3

Q.20 Which of the following elements does NOT belong to period 3 of the Modern Periodic Table?

- Ans
- 1. Al
 - 2. Ge
 - 3. Ar
 - 4. S

Question ID : 75189710392
Option 1 ID : 75189741565
Option 2 ID : 75189741568
Option 3 ID : 75189741566
Option 4 ID : 75189741567
Status : Not Answered
Chosen Option : --

Q.21 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MODERN : RONMED :: GERMAN : AENGMR :: JUNIOR : ?

- Ans
- 1. OURJIN
 - 2. OUJRIN
 - 3. OURJNI
 - 4. ORUJIN

Question ID : 7518978030
Option 1 ID : 75189732118
Option 2 ID : 75189732119
Option 3 ID : 75189732117
Option 4 ID : 75189732120
Status : Answered
Chosen Option : 1

Q.22 During the first year, the population of a town increased by 10% and in the second year it diminished by 10%. At the end of the second year its population was 4,73,220. The population at the beginning of the first year was:

- Ans**
- 1. 4,78,880
 - 2. 4,78,780
 - 3. 4,78,000
 - 4. 4,78,800

Question ID : **7518979226**
Option 1 ID : **75189736904**
Option 2 ID : **75189736902**
Option 3 ID : **75189736903**
Option 4 ID : **75189736901**
Status : **Answered**
Chosen Option : **3**

Q.23 A certain number of persons are sitting in a row, facing North. Hriday is sitting to the immediate right of Vijay. There are only three persons sitting between Gaurav and Vijay. Vijay is sitting exactly second to the left of Imran, who is sitting at the extreme right end. Kiara and David are immediate neighbours of Lalita. There is only one person to the left of Gaurav. If no other person is sitting in the row, what is the total number of persons seated?

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

Question ID : **75189710769**
Option 1 ID : **75189743075**
Option 2 ID : **75189743074**
Option 3 ID : **75189743076**
Option 4 ID : **75189743073**
Status : **Answered**
Chosen Option : **1**

Q.24 Consumers lose satisfaction in a product the more they consume it, this is known as _____.

- Ans**
- 1. increasing marginal utility
 - 2. non-satiation
 - 3. maximum utilisation
 - 4. decreasing marginal utility

Question ID : **7518977497**
Option 1 ID : **75189729988**
Option 2 ID : **75189729987**
Option 3 ID : **75189729985**
Option 4 ID : **75189729986**
Status : **Answered**
Chosen Option : **1**

Q.25 Effective resistance of the series combination of three resistors each with resistance 2Ω is:

- Ans**
- 1. 2Ω
 - 2. 1.5Ω
 - 3. 6Ω
 - 4. 0.66Ω

Question ID : 75189711158

Option 1 ID : 75189744629

Option 2 ID : 75189744631

Option 3 ID : 75189744632

Option 4 ID : 75189744630

Status : Answered

Chosen Option : 3

Q.26 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All potatoes are tomatoes.

All tomatoes are onions.

All onions are books.

Conclusions:

(I) Some books are potatoes.

(II) Some onions are tomatoes.

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

Question ID : 75189711001

Option 1 ID : 75189744001

Option 2 ID : 75189744003

Option 3 ID : 75189744002

Option 4 ID : 75189744004

Status : Answered

Chosen Option : 4

Q.27 A solenoid carrying constant current can be used as a:

- Ans
- 1. source of a mechanical energy
 - 2. source of a constant magnetic field
 - 3. source of a light
 - 4. source of a non-uniform magnetic field

Question ID : 75189711169

Option 1 ID : 75189744676

Option 2 ID : 75189744673

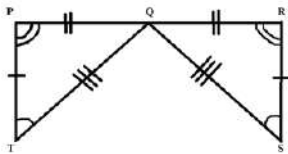
Option 3 ID : 75189744675

Option 4 ID : 75189744674

Status : Answered

Chosen Option : 2

Q.28 As per the figure given below, $\Delta QRS \cong$ _____. [Note: Diagram is not drawn to scale or measurements indicated.]



- Ans
- 1. ΔQTP
 - 2. ΔQPT
 - 3. ΔPTQ
 - 4. ΔTPQ

Question ID : 7518979112

Option 1 ID : 75189736448

Option 2 ID : 75189736445

Option 3 ID : 75189736446

Option 4 ID : 75189736447

Status : Answered

Chosen Option : 2

Q.29 Evaluate $9.46\bar{7} - 2.46\bar{7} + 4.46\bar{7}$.

- Ans
- 1. $\frac{10521}{1100}$
 - 2. $\frac{10521}{900}$
 - 3. $\frac{10321}{900}$
 - 4. $\frac{10321}{1100}$

Question ID : 7518979910
Option 1 ID : 75189739639
Option 2 ID : 75189739638
Option 3 ID : 75189739640
Option 4 ID : 75189739637
Status : Answered
Chosen Option : 3

Q.30 Which element is NOT included in Group 2 of the Modern Periodic Table?

- Ans
- 1. Na
 - 2. Mg
 - 3. Be
 - 4. Ca

Question ID : 7518979688
Option 1 ID : 75189738750
Option 2 ID : 75189738751
Option 3 ID : 75189738749
Option 4 ID : 75189738752
Status : Answered
Chosen Option : 1

Q.31 Who among the following was a renowned Indian Statistician, and was instrumental in formulating India's strategy for Industrialisation in the Second Five Year Plan?

- Ans
- 1. Prasant Chandra Mahalanobis
 - 2. Jagdish Natwarlal Bhagwati
 - 3. Prof. VKRV Rao
 - 4. VR Gadgil

Question ID : 75189710467
Option 1 ID : 75189741868
Option 2 ID : 75189741865
Option 3 ID : 75189741866
Option 4 ID : 75189741867
Status : Not Answered
Chosen Option : --

Q.32 Two right-angled triangles are congruent when which of the following conditions is true?

Ans 1.

When only one of the sides of one of these triangles is equal in length to the corresponding side of the other triangle

2. When only their hypotenuses are equal

3. When one more angle is equal

4.

When their hypotenuses are equal and one of the sides of one of these triangles is equal in length to the corresponding side of the other triangle

Question ID : 75189710039

Option 1 ID : 75189740154

Option 2 ID : 75189740153

Option 3 ID : 75189740156

Option 4 ID : 75189740155

Status : Answered

Chosen Option : 4

Q.33 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some chairs are tables.

Some tables are pens.

All pens are inks.

Conclusions:

(I) Some chairs are pens.

(II) Some tables are inks.

Ans 1. Neither conclusion I nor II follow

2. Only conclusion II follows

3. Only conclusion I follows

4. Both conclusions I and II follow

Question ID : 75189710997

Option 1 ID : 75189743987

Option 2 ID : 75189743986

Option 3 ID : 75189743985

Option 4 ID : 75189743988

Status : Answered

Chosen Option : 2

Q.34 In which state is the first Graphene Innovation Centre of the India set up?

- Ans
- 1. Karnataka
 - 2. Gujarat
 - 3. Telangana
 - 4. Kerala

Question ID : 7518974144
Option 1 ID : 75189716575
Option 2 ID : 75189716576
Option 3 ID : 75189716574
Option 4 ID : 75189716573
Status : Not Answered
Chosen Option : --

Q.35 The river Tapi rises in the _____.

- Ans
- 1. Satpura range
 - 2. Himalayan range
 - 3. Aravali range
 - 4. Nilgiri hills

Question ID : 7518977543
Option 1 ID : 75189730171
Option 2 ID : 75189730172
Option 3 ID : 75189730169
Option 4 ID : 75189730170
Status : Answered
Chosen Option : 1

Q.36 Which one of the following is the official language of Goa?

- Ans
- 1. Tamang
 - 2. Konkani
 - 3. Kokborok
 - 4. Khamti

Question ID : 7518977191
Option 1 ID : 75189728764
Option 2 ID : 75189728761
Option 3 ID : 75189728762
Option 4 ID : 75189728763
Status : Answered
Chosen Option : 2

Q.37 Refer to the following letter, symbol series and answer the question.

R # A \$ G H K % T B M & N Y + X B / L Q @ D

If the second symbol and third letter from the left end of series are combined with the fifth and six terms from the right end of the series, then what letter symbol combination will be formed?

- Ans
- 1. # \$ L B
 - 2. # A / B
 - 3. \$ # B X
 - 4. \$ G / B

Question ID : 7518978998
Option 1 ID : 75189735990
Option 2 ID : 75189735991
Option 3 ID : 75189735989
Option 4 ID : 75189735992
Status : Not Answered
Chosen Option : --

Q.38 In which of the following states is the concentration of Buddhism the largest as per 2011 Census data?

- Ans
- 1. Maharashtra
 - 2. Uttarakhand
 - 3. Goa
 - 4. Andhra Pradesh

Question ID : 7518973824
Option 1 ID : 75189715294
Option 2 ID : 75189715296
Option 3 ID : 75189715295
Option 4 ID : 75189715293
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.39 Baking powder is a mixture of:

- Ans
- 1. baking soda + strong acid
 - 2. baking soda + strong base
 - 3. baking soda + weak base
 - 4. baking soda + mild edible acid

Question ID : 7518979655
Option 1 ID : 75189738618
Option 2 ID : 75189738620
Option 3 ID : 75189738619
Option 4 ID : 75189738617
Status : Answered
Chosen Option : 4

Q.40 Each of the digits in the number 354982 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

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

Question ID : 7518979880
Option 1 ID : 75189739520
Option 2 ID : 75189739518
Option 3 ID : 75189739517
Option 4 ID : 75189739519
Status : Answered
Chosen Option : 2

Q.41 Seven boxes are kept one over the other but not necessarily in the same order. S is fifth from the top. Only two boxes are kept between S and V. R is kept just below V. Only two boxes are kept between P and T. P is placed in one of the positions above T. Only one box is kept between S and Q. Which box is kept fourth from the bottom?

- Ans
- 1. S
 - 2. U
 - 3. R
 - 4. T

Question ID : 75189710988
Option 1 ID : 75189743949
Option 2 ID : 75189743952
Option 3 ID : 75189743951
Option 4 ID : 75189743950
Status : Answered
Chosen Option : 3

Q.42 There are 50 students (boys and girls only) in a class. The number of boys is 10 more than the number of girls. The number of boys in the class is:

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

Question ID : 7518979988
Option 1 ID : 75189739952
Option 2 ID : 75189739950
Option 3 ID : 75189739949
Option 4 ID : 75189739951
Status : Answered
Chosen Option : 1

Q.43 The HCF of 450, 1500 and 1650 is:

- Ans**
- 1. 100
 - 2. 50
 - 3. 200
 - 4. 150

Question ID : 7518979914
Option 1 ID : 75189739654
Option 2 ID : 75189739653
Option 3 ID : 75189739656
Option 4 ID : 75189739655
Status : Answered
Chosen Option : 4

Q.44 U, V, W, X, Y and Z are sitting in a row facing towards North (but not necessarily in the same order). Z is sitting second to the right of V and immediate left of Y. Only one person is sitting between U and V. W is not the immediate neighbor of U. Who is sitting at second position from the right end?

- Ans**
- 1. Z
 - 2. X
 - 3. Y
 - 4. U

Question ID : 75189710740
Option 1 ID : 75189742957
Option 2 ID : 75189742960
Option 3 ID : 75189742958
Option 4 ID : 75189742959
Status : Answered
Chosen Option : 1

Q.45 The quadratic equation $3x^2 - 4\sqrt{3}x + 4 = 0$ has:

- Ans
- 1. two imaginary roots
 - 2. two distinct real roots
 - 3. no real roots
 - 4. two equal real roots

Question ID : 7518978761
Option 1 ID : 75189735044
Option 2 ID : 75189735041
Option 3 ID : 75189735043
Option 4 ID : 75189735042
Status : Answered
Chosen Option : 2

Q.46 Which of the following tissues is found below the skin and between the internal organs?

- Ans
- 1. Adipose tissue
 - 2. Muscular tissue
 - 3. Nervous tissue
 - 4. Epithelial tissue

Question ID : 7518977815
Option 1 ID : 75189731258
Option 2 ID : 75189731257
Option 3 ID : 75189731259
Option 4 ID : 75189731260
Status : Answered
Chosen Option : 4

Q.47 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also '*' and '/' are interchanged?

$$45 \times 15 \div 40 - 30 + 5 = ?$$

- Ans
- 1. 145
 - 2. 126
 - 3. 125
 - 4. 146

Question ID : 75189710956
Option 1 ID : 75189743823
Option 2 ID : 75189743821
Option 3 ID : 75189743822
Option 4 ID : 75189743824
Status : Answered
Chosen Option : 1

Q.48 Working principle of an electric motor is

Ans 1.

A coil carrying conductor experiences force in the region of non-uniform magnetic field

2. Electromagnetic induction

3.

A coil carrying current experiences force in the region of electric field

4.

A coil carrying current experiences force in the region of gravitational field

Question ID : 75189711174

Option 1 ID : 75189744693

Option 2 ID : 75189744694

Option 3 ID : 75189744696

Option 4 ID : 75189744695

Status : Answered

Chosen Option : 2

Q.49 The area of a square plot is 2916 m^2 . The length of each side of the plot (in m) is

Ans 1. 64

2. 58

3. 54

4. 44

Question ID : 7518979906

Option 1 ID : 75189739624

Option 2 ID : 75189739623

Option 3 ID : 75189739622

Option 4 ID : 75189739621

Status : Answered

Chosen Option : 3

Q.50 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

14 : 20 :: 26 : 38 :: 18 : ?

Ans 1. 30

2. 26

3. 28

4. 24

Question ID : 75189710926

Option 1 ID : 75189743702

Option 2 ID : 75189743703

Option 3 ID : 75189743704

Option 4 ID : 75189743701

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.51 Write the expanded form of $(3a + 4b + 5c)^2$.

- Ans
- 1. $9a^2 + 16b^2 + 25c^2 + 24ab + 40bc + 60ac$
 - 2. $9a^2 + 16b^2 + 25c^2 + 24ab + 40bc + 30ac$
 - 3. $9a^2 + 16b^2 + 25c^2 + 24ab + 40bc + 50ac$
 - 4. $9a^2 + 16b^2 + 25c^2 + 24ab + 40bc + 40ac$

Question ID : 7518979982

Option 1 ID : 75189739928

Option 2 ID : 75189739925

Option 3 ID : 75189739927

Option 4 ID : 75189739926

Status : Answered

Chosen Option : 2

Q.52 In a code language, 'weather is cool' is written as 'nu vu du', 'temperature cool now' is written as 'hu du ru' and 'temperature is high' is written as 'tu vu ru'. What is the code for the word 'high' in that language?

- Ans
- 1. vu
 - 2. ru
 - 3. du
 - 4. tu

Question ID : 75189710872

Option 1 ID : 75189743486

Option 2 ID : 75189743487

Option 3 ID : 75189743488

Option 4 ID : 75189743485

Status : Answered

Chosen Option : 4

Q.53 If the saving function is $S = -30 + 0.3Y$, what will be the value of MPC (marginal propensity to consume)?

- Ans
- 1. 0.9
 - 2. 0
 - 3. 0.3
 - 4. 0.7

Question ID : 7518976808

Option 1 ID : 75189727232

Option 2 ID : 75189727229

Option 3 ID : 75189727230

Option 4 ID : 75189727231

Status : Not Answered

Chosen Option : --

Q.54 Which of the following states has the largest coal reserves of India?

- Ans 1. Jharkhand
 2. Chhattisgarh
 3. West Bengal
 4. Odisha

Question ID : 75189710588
Option 1 ID : 75189742349
Option 2 ID : 75189742351
Option 3 ID : 75189742352
Option 4 ID : 75189742350
Status : Answered
Chosen Option : 1

Q.55 All 20 students of a class are standing in a straight row facing north. Shilpa is 7th from the right end, while Nikhil is 18th from the left end. How many students are standing between Shilpa and Nikhil?

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

Question ID : 7518979814
Option 1 ID : 75189739255
Option 2 ID : 75189739256
Option 3 ID : 75189739253
Option 4 ID : 75189739254
Status : Answered
Chosen Option : 3

Q.56 What is the environmental loss if many trees are cut in a forest to get wood?

- Ans 1. It will lead to soil erosion and degradation.
 2. It will let in more sunlight to let smaller plants to grow.
 3. It will provide open space for other trees to grow.
 4. It will give livelihood to many poor people.

Question ID : 75189710135
Option 1 ID : 75189740539
Option 2 ID : 75189740540
Option 3 ID : 75189740537
Option 4 ID : 75189740538
Status : Answered
Chosen Option : 1

Q.57 The feature of Quasi Federal Government system in the Constitution of India is borrowed from the constitution of which country?

- Ans**
- 1. The US
 - 2. South Africa
 - 3. The UK
 - 4. Canada

Question ID : 7518979437

Option 1 ID : 75189737748

Option 2 ID : 75189737746

Option 3 ID : 75189737747

Option 4 ID : 75189737745

Status : **Marked For Review**

Chosen Option : 1

Q.58 For a spherical mirror, the distance between the pole and the centre of the curvature is:

- Ans**
- 1. twice the distance between pole and F
 - 2. equal to the focal length
 - 3. half of the radius of curvature
 - 4. equal to the distance between c and F

Question ID : 7518979458

Option 1 ID : 75189737830

Option 2 ID : 75189737829

Option 3 ID : 75189737832

Option 4 ID : 75189737831

Status : **Answered**

Chosen Option : 1

Q.59 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $N < L > J < K > I = H \leq G$

Conclusions:

I. $J = G$

II. $K > H$

- Ans**
- 1. Neither conclusion I nor II is true
 - 2. Only conclusion I is true
 - 3. Only conclusion II is true
 - 4. Both conclusions I and II are true

Question ID : 7518974963

Option 1 ID : 75189719852

Option 2 ID : 75189719849

Option 3 ID : 75189719850

Option 4 ID : 75189719851

Status : **Answered**

Chosen Option : 3

Q.60 The greatest number which divides 1876, 12503, and 6877 leaving remainders 1, 3, and 2, respectively, is:

- Ans**
- 1. 675
 - 2. 625
 - 3. 555
 - 4. 655

Question ID : **7518979218**
Option 1 ID : **75189736870**
Option 2 ID : **75189736869**
Option 3 ID : **75189736871**
Option 4 ID : **75189736872**
Status : **Answered**
Chosen Option : **2**

Q.61 Kavya went 1 km straight from her friend's home, then turned left and moved 3 km straight. She again turned left and travelled 4 km, from there she turned left and moved 1 km. If she was moving in the west direction at last, then in which direction she initially moved from her friend's home?

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

Question ID : **75189710885**
Option 1 ID : **75189743540**
Option 2 ID : **75189743538**
Option 3 ID : **75189743539**
Option 4 ID : **75189743537**
Status : **Answered**
Chosen Option : **4**

Q.62 The colour of CuCl_2 solution is:

- Ans**
- 1. blue-red
 - 2. blue-green
 - 3. red-green
 - 4. yellow-green

Question ID : **7518979630**
Option 1 ID : **75189738517**
Option 2 ID : **75189738519**
Option 3 ID : **75189738520**
Option 4 ID : **75189738518**
Status : **Answered**
Chosen Option : **2**

Q.63 Which of the following elements can form both a double bond and a single bond with a carbon atom?

- Ans**
- 1. F
 - 2. Br
 - 3. Cl
 - 4. O

Question ID : 7518979599

Option 1 ID : 75189738393

Option 2 ID : 75189738395

Option 3 ID : 75189738394

Option 4 ID : 75189738396

Status : Answered

Chosen Option : 4

Q.64 The weights (in kg) of 9 members of a school cricket team are 50, 63, x, 62, 64, 48, 51, 55, 48. If the mean weight is 56 kg, then the value of x is _____.

- Ans**
- 1. 63
 - 2. 57
 - 3. 48
 - 4. 64

Question ID : 75189710681

Option 1 ID : 75189742723

Option 2 ID : 75189742724

Option 3 ID : 75189742722

Option 4 ID : 75189742721

Status : Answered

Chosen Option : 1

Q.65 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some notebooks are pencils.

All pencils are bags.

All bags are bottles.

Conclusions:

(I) All pencils are bottles.

(II) Some bags are notebooks.

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

Question ID : 75189710998

Option 1 ID : 75189743991

Option 2 ID : 75189743989

Option 3 ID : 75189743990

Option 4 ID : 75189743992

Status : Answered

Chosen Option : 4

Q.66 A bronze article having a marked price of ₹1,000 is sold during a festive season sale after three successive discounts of 20% and 30% and 10%. What will be the amount (in ₹) to be paid by a customer if she buys the article during the festival season?

- Ans**
- 1. 564
 - 2. 496
 - 3. 508
 - 4. 504

Question ID : 75189710664

Option 1 ID : 75189742656

Option 2 ID : 75189742653

Option 3 ID : 75189742654

Option 4 ID : 75189742655

Status : Answered

Chosen Option : 4

Q.67 A cricket club bought 12 bats and 18 balls for ₹2,100. After a few days, the cost of the same types of 8 bats and 22 balls purchased at the same rates was ₹1,900. The cost of a bat is:

- Ans**
- 1. ₹200
 - 2. ₹100
 - 3. ₹50
 - 4. ₹150

Question ID : 7518979991
Option 1 ID : 75189739964
Option 2 ID : 75189739962
Option 3 ID : 75189739961
Option 4 ID : 75189739963
Status : Answered
Chosen Option : 2

Q.68 Which of the following numbers will replace the question mark (?) in the given series?
3, 7, 6, 14, 12, 28, 24, ?

- Ans**
- 1. 56
 - 2. 51
 - 3. 60
 - 4. 54

Question ID : 75189710914
Option 1 ID : 75189743655
Option 2 ID : 75189743653
Option 3 ID : 75189743656
Option 4 ID : 75189743654
Status : Answered
Chosen Option : 1

Q.69 Which of the following can cause cramps in our muscles?

- Ans**
- 1. Excess of CO_2
 - 2. Lack of CO_2
 - 3. Excess of O_2
 - 4. Lack of O_2

Question ID : 75189710195
Option 1 ID : 75189740780
Option 2 ID : 75189740777
Option 3 ID : 75189740779
Option 4 ID : 75189740778
Status : Answered
Chosen Option : 4

Q.70 This question is based on the five, three-digit numbers given below.

(Left) 734 462 397 354 881 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?

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

Question ID : 7518979176
Option 1 ID : 75189736701
Option 2 ID : 75189736704
Option 3 ID : 75189736702
Option 4 ID : 75189736703
Status : Answered
Chosen Option : 3

Q.71 The height of the image of an object below principal axis of a spherical mirror _____.

- Ans**
- 1. depends on position of object
 - 2. depends on position of image
 - 3. is positive
 - 4. is negative

Question ID : 7518979474
Option 1 ID : 75189737895
Option 2 ID : 75189737896
Option 3 ID : 75189737893
Option 4 ID : 75189737894
Status : Answered
Chosen Option : 4

Q.72 An object is placed on the principal axis of a lens of power 2.0 D, at a distance of 10 cm. The image formed is _____.

- Ans**
- 1. real and erect
 - 2. virtual and erect
 - 3. real and inverted
 - 4. virtual and inverted

Question ID : 7518976638
Option 1 ID : 75189726549
Option 2 ID : 75189726550
Option 3 ID : 75189726551
Option 4 ID : 75189726552
Status : Answered
Chosen Option : 2

Q.73 Acid rain has pH value less than:

- Ans
- 1. 8.6
 - 2. 5.6
 - 3. 7.6
 - 4. 6.6

Question ID : 7518979639
Option 1 ID : 75189738555
Option 2 ID : 75189738556
Option 3 ID : 75189738553
Option 4 ID : 75189738554
Status : Marked For Review
Chosen Option : 1

Q.74 In which of the following years was Shaktikanta Das appointed as the Reserve Bank of India's Governor?

- Ans
- 1. 2020
 - 2. 2019
 - 3. 2018
 - 4. 2017

Question ID : 75189710569
Option 1 ID : 75189742276
Option 2 ID : 75189742275
Option 3 ID : 75189742274
Option 4 ID : 75189742273
Status : Not Answered
Chosen Option : --

Q.75 The positive square root of $\left(\frac{2+\sqrt{3}}{2-\sqrt{3}} + \frac{2-\sqrt{3}}{2+\sqrt{3}} + 11\right)$ is _____.

- Ans
- 1. $5 - \sqrt{3}$
 - 2. $2 + \sqrt{3}$
 - 3. $2\sqrt{3}$
 - 4. 5

Question ID : 75189710622
Option 1 ID : 75189742488
Option 2 ID : 75189742486
Option 3 ID : 75189742485
Option 4 ID : 75189742487
Status : Answered
Chosen Option : 4

Q.76 In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement:

$$H \geq E > S \leq T = P > Q$$

Conclusions:

1. $Q = T$

2. $S < H$

3. $S > P$

4. $E > T$

Ans 1. 3

2. 2

3. 4

4. 1

Question ID : 7518977324
Option 1 ID : 75189729295
Option 2 ID : 75189729294
Option 3 ID : 75189729296
Option 4 ID : 75189729293
Status : Answered
Chosen Option : 2

Q.77 Glucose is represented by which of the following formulae?

Ans 1. $C_6H_{14}O_8$

2. $C_6H_{12}O_6$

3. CH_3COOH

4. C_2H_5OH

Question ID : 7518974335
Option 1 ID : 75189717340
Option 2 ID : 75189717338
Option 3 ID : 75189717339
Option 4 ID : 75189717337
Status : Answered
Chosen Option : 2

Q.78 Who among the following was conferred the Dhyan Chand Award for life time achievement in sports for the year 2021 in the chess discipline?

- Ans
- ✓ 1. Abhijeet Kunte
 - ✗ 2. Pritam Siwach
 - ✗ 3. Radhakrishnan Nair
 - ✗ 4. Sandhya Gurung

Question ID : 7518979349
Option 1 ID : 75189737393
Option 2 ID : 75189737395
Option 3 ID : 75189737394
Option 4 ID : 75189737396
Status : Not Answered
Chosen Option : --

Q.79 Who among the following founded the Satyashodhak Samaj?

- Ans
- ✓ 1. Jyotirao Phule
 - ✗ 2. Swami Dayanand Saraswati
 - ✗ 3. Narayana Guru
 - ✗ 4. Ishwarchandra Vidyasagar

Question ID : 7518977467
Option 1 ID : 75189729866
Option 2 ID : 75189729868
Option 3 ID : 75189729865
Option 4 ID : 75189729867
Status : Not Answered
Chosen Option : --

Q.80 The Jewish festival of lights is called:

- Ans
- ✗ 1. Anthurium
 - ✓ 2. Hanukkah
 - ✗ 3. Hornbill
 - ✗ 4. Nauroj

Question ID : 75189710433
Option 1 ID : 75189741732
Option 2 ID : 75189741729
Option 3 ID : 75189741730
Option 4 ID : 75189741731
Status : Not Answered
Chosen Option : --

Q.81 Select the combination of letters and numbers that when sequentially placed from left to right in the same sequence in the blanks of the given series, will complete the series.

D _ H 10 L _ P 18 _

- Ans**
- 1. 7 12 S
 - 2. 6 14 T
 - 3. 8 S 20
 - 4. F N 20

Question ID : 7518978985

Option 1 ID : 75189735939

Option 2 ID : 75189735938

Option 3 ID : 75189735940

Option 4 ID : 75189735937

Status : Answered

Chosen Option : 2

Q.82 Which of the following numbers will replace the question mark (?) in the given series?

17, 30, 47, 66, 89, ?

- Ans**
- 1. 116
 - 2. 117
 - 3. 119
 - 4. 118

Question ID : 75189710920

Option 1 ID : 75189743680

Option 2 ID : 75189743677

Option 3 ID : 75189743679

Option 4 ID : 75189743678

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.83 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

6 : 64 :: 11 : 169 :: 8 : ?

- Ans**
- 1. 72
 - 2. 70
 - 3. 81
 - 4. 100

Question ID : 75189710928

Option 1 ID : 75189743712

Option 2 ID : 75189743711

Option 3 ID : 75189743709

Option 4 ID : 75189743710

Status : Answered

Chosen Option : 4

Q.84

Find the value of $\frac{\cos^2 12^\circ + \cos^2 23^\circ}{2\sin^2 78^\circ + 2\sin^2 67^\circ}$.

Ans

✓ 1. $\frac{1}{2}$

✗ 2. 1

✗ 3. 2

✗ 4. 0

Question ID : 7518979114

Option 1 ID : 75189736455

Option 2 ID : 75189736454

Option 3 ID : 75189736456

Option 4 ID : 75189736453

Status : Answered

Chosen Option : 1

Q.85 If the length of the longest diagonal of a closed cube is $10\sqrt{3}$ cm, then its total surface area (in cm^2) is _____.

Ans ✗ 1. 900

✗ 2. 300

✗ 3. $100\sqrt{3}$

✓ 4. 600

Question ID : 75189710717

Option 1 ID : 75189742867

Option 2 ID : 75189742865

Option 3 ID : 75189742868

Option 4 ID : 75189742866

Status : Answered

Chosen Option : 4

Q.86 Priyanka Nutakki is related to which of the following sports events?

Ans ✓ 1. Chess

✗ 2. Hockey

✗ 3. Wrestling

✗ 4. Badminton

Question ID : 7518976799

Option 1 ID : 75189727193

Option 2 ID : 75189727195

Option 3 ID : 75189727196

Option 4 ID : 75189727194

Status : Not Answered

Chosen Option : --

Q.87 What is a 'bawri'?

- Ans
- 1. An underground tank to store water
 - 2. A narrow bore tube-well
 - 3. A traditional way of collecting water
 - 4. A canal providing water to agricultural land

Question ID : 75189710143
Option 1 ID : 75189740571
Option 2 ID : 75189740569
Option 3 ID : 75189740570
Option 4 ID : 75189740572
Status : Not Answered
Chosen Option : --

Q.88 Four years ago, Rajesh was three times as old as Naresh. Four years hence he will be twice as old as Naresh will then be. The present age of Rajesh (in years) is:

- Ans
- 1. 32
 - 2. 33
 - 3. 35
 - 4. 28

Question ID : 75189710006
Option 1 ID : 75189740022
Option 2 ID : 75189740023
Option 3 ID : 75189740024
Option 4 ID : 75189740021
Status : Answered
Chosen Option : 4

Q.89 Joint forest management is an example of which of the following?

- Ans
- 1. Participatory approach
 - 2. Single man dominance
 - 3. Political equality
 - 4. Economic equality

Question ID : 7518974695
Option 1 ID : 75189718779
Option 2 ID : 75189718780
Option 3 ID : 75189718778
Option 4 ID : 75189718777
Status : Answered
Chosen Option : 1

Q.90 How many years will it take for a certain sum to get doubled at the rate of $6\frac{1}{4}\%$ simple interest per annum?

- Ans**
- 1. 16
 - 2. 8.4
 - 3. 4
 - 4. 6.25

Question ID : 75189710654
Option 1 ID : 75189742614
Option 2 ID : 75189742616
Option 3 ID : 75189742615
Option 4 ID : 75189742613
Status : Answered
Chosen Option : 1

Q.91 Shyam starts from Point A and drives 15 km towards the north. He then takes a right turn, drives 5 km, turns right and drives 20 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 5 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P in a straight line? (All turns are 90 degree turns only)

- Ans**
- 1. 7 km towards the west
 - 2. 5 km towards the west
 - 3. 5 km towards the east
 - 4. 4 km towards the east

Question ID : 7518978282
Option 1 ID : 75189733128
Option 2 ID : 75189733126
Option 3 ID : 75189733127
Option 4 ID : 75189733125
Status : Answered
Chosen Option : 3

Q.92 The arithmetic mean of 2.5, 6.5, 4.5, 16.5, 3.5 and 2.5 is:

- Ans**
- 1. 8.25
 - 2. 5.75
 - 3. 6
 - 4. 7.25

Question ID : 75189710680
Option 1 ID : 75189742719
Option 2 ID : 75189742720
Option 3 ID : 75189742717
Option 4 ID : 75189742718
Status : Answered
Chosen Option : 3

Q.93 The Supreme Court and High Courts have power to issue writs in the nature of habeas corpus, quo warranto, mandamus, certiorari, prohibition, etc., under _____.

- Ans**
- 1. Articles 226 and 32, respectively
 - 2. Articles 42 and 26, respectively
 - 3. Articles 32 and 226, respectively
 - 4. Articles 26 and 42, respectively

Question ID : 7518978929

Option 1 ID : 75189735714

Option 2 ID : 75189735713

Option 3 ID : 75189735715

Option 4 ID : 75189735716

Status : Not Answered

Chosen Option : --

Q.94 The following table shows the sales of different brands of mobiles of a shop during the years 2018-2020. Study the table and answer the question.

Year	Brand (in thousands)		
	A	S	M
2018	175	388	112
2019	312	401	146
2020	202	255	126

What is the percentage decrease in the sales of brand S from the year 2019 to 2020?

- Ans**
- 1. 38.32%
 - 2. 36.40%
 - 3. 57.25 %
 - 4. 53.62%

Question ID : 75189710971

Option 1 ID : 75189743884

Option 2 ID : 75189743881

Option 3 ID : 75189743882

Option 4 ID : 75189743883

Status : Answered

Chosen Option : 2

Q.95 Formal health education is important for women for various reasons listed below. Which of the following is an INCORRECT option with regard to formal health education in women?

- Ans**
- 1. Provides knowledge about sexually transmitted diseases
 - 2. Empowers them to decide about child bearing
 - 3. Helps to reduce child and maternal deaths
 - 4. Provides information about nutritional needs of children

Question ID : 7518974634
Option 1 ID : 75189718534
Option 2 ID : 75189718536
Option 3 ID : 75189718533
Option 4 ID : 75189718535
Status : Answered
Chosen Option : 2

Q.96 The quadratic equation $x^2 + 7x - 60$ has:

- Ans**
- 1. no real roots
 - 2. two equal roots
 - 3. two real and unequal roots
 - 4. two equal imaginary roots

Question ID : 7518978770
Option 1 ID : 75189735079
Option 2 ID : 75189735077
Option 3 ID : 75189735078
Option 4 ID : 75189735080
Status : Answered
Chosen Option : 3

Q.97 This question is based on the five, three-digit numbers given below:

(Left) 485 746 379 137 254 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE - All operations to be done from left to right.)

If all the numbers of the given series are arranged in ascending order, the position of which of the following numbers will remain unchanged?

- Ans**
- 1. 254
 - 2. 746
 - 3. 137
 - 4. 379

Question ID : 75189710864
Option 1 ID : 75189743454
Option 2 ID : 75189743456
Option 3 ID : 75189743453
Option 4 ID : 75189743455
Status : Answered
Chosen Option : 4

Q.98 Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

"If waste management capabilities of Hospital X are dealt with, we will definitely win the 'excellence in service' award for year 22-23." One of the board of directors from Hospital X.

Arguments:

- I. In four separate incidents in the year 22-23, 15 patients lost their lives and 46 were injured due to various incidents such as fire breakout in ICU, lack of oxygen etc.
- II. Hospital A located in the nearby city has won 'excellence in service' award for a record five times.

- Ans**
- 1. II weakens while I strengthens the statement.
 - 2. I weakens while II strengthens the statement.
 - 3. II weakens while I is a neutral argument
 - 4. I weakens while II is a neutral argument

Question ID : 75189711118

Option 1 ID : 75189744470

Option 2 ID : 75189744469

Option 3 ID : 75189744472

Option 4 ID : 75189744471

Status : Answered

Chosen Option : 2

Q.99 In a certain code language, 'KHADI' is written as 'OJGNQ' and 'DRINK' is written as 'QTOXJ'. How will 'INLET' be written in that language?

- Ans**
- 1. YKRTO
 - 2. ZKRTO
 - 3. ZLRTO
 - 4. ZKRTP

Question ID : 75189710869

Option 1 ID : 75189743473

Option 2 ID : 75189743475

Option 3 ID : 75189743476

Option 4 ID : 75189743474

Status : Answered

Chosen Option : 2

Q.100 What approximate value should come in place of the question mark (?) in the following equation?

$$14.95 \times 27.05 \div 2.99 - 35.98 + 12.10 = ?$$

- Ans**
- 1. 110
 - 2. 109
 - 3. 112
 - 4. 111

Question ID : **75189710942**

Option 1 ID : **75189743767**

Option 2 ID : **75189743768**

Option 3 ID : **75189743765**

Option 4 ID : **75189743766**

Status : **Answered**

Chosen Option : **4**

