



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 2 Mathura Road
Test Date	09/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

*** Note**

Correct Answer will carry 1 mark per Question.

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

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 Revised PMJVK Scheme 2022-23, will now be implemented in all districts of the country including all the aspirational districts. States/ UTs can propose infrastructure projects in the identified areas where the concentration of minority population is more than _____ in the catchment area (5 km radius).

- Ans
- ☒ 1. 10%
 - ☒ 2. 15%
 - ☒ 3. 20%
 - ☒ 4. 25%

Question ID : 7518976546
Option 1 ID : 75189726181
Option 2 ID : 75189726182
Option 3 ID : 75189726183
Option 4 ID : 75189726184
Status : Not Answered
Chosen Option : --

Q.2 In 1989, which committee recommended constitutional recognition for the local government bodies?

- Ans
- ☒ 1. Vasudev Committee
 - ☒ 2. PK Thungon Committee
 - ☒ 3. Vaghul Committee
 - ☒ 4. AK Mathur Committee

Question ID : 7518979453
Option 1 ID : 75189737811
Option 2 ID : 75189737809
Option 3 ID : 75189737812
Option 4 ID : 75189737810
Status : Not Answered
Chosen Option : --



Q.3 Refer to the following number series and answer the question.

13 10 17 25 58 63 94 8 92 29

How many even numbers are immediately followed by a multiple of 3?

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

Question ID : 7518979753
Option 1 ID : 75189739009
Option 2 ID : 75189739011
Option 3 ID : 75189739010
Option 4 ID : 75189739012
Status : Answered
Chosen Option : 4

Q.4 The quadratic equation which has real and equal roots $\frac{3}{5}$ is:

- Ans
- ☒ 1. $x^2 - 30x + 3 = 0$
 - ☒ 2. $x^2 - 6x + 9 = 0$
 - ☒ 3. $25x^2 - 30x + 9 = 0$
 - ☒ 4. $5x^2 - 6x + 9 = 0$

Question ID : 7518979309
Option 1 ID : 75189737235
Option 2 ID : 75189737234
Option 3 ID : 75189737236
Option 4 ID : 75189737233
Status : Answered
Chosen Option : 3

Q.5 Which of the following numbers will replace the question mark (?) in the given series?

96, 98, 102, 110, 126, ?

- Ans
- ☒ 1. 162
 - ☒ 2. 166
 - ☒ 3. 158
 - ☒ 4. 160

Question ID : 7518978303
Option 1 ID : 75189733212
Option 2 ID : 75189733211
Option 3 ID : 75189733209
Option 4 ID : 75189733210
Status : Answered
Chosen Option : 3

Q.6 The curved surface area of a cylinder is 1848 cm^2 and its base radius is 19.6 cm. The height of the cylinder is:

- Ans**
- ☒ 1. 13 cm
 - ☒ 2. 14 cm
 - ☒ 3. 15 cm
 - ☒ 4. 17 cm

Question ID : 7518979326

Option 1 ID : 75189737302

Option 2 ID : 75189737303

Option 3 ID : 75189737304

Option 4 ID : 75189737301

Status : Answered

Chosen Option : 3

Q.7 Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

Statement:

The state government of state X has decided to move 40% of the city buses from the south of city A to the west of city A for the monsoon season.

Which of the following can be concluded from the given information?

I. The inflow of passengers in the western part of the city is usually substantially more during the monsoon season than the rest of the year.

II. The buses that remain in the south of city A will be sufficient to manage the general inflow of passengers.

Ans

- ☒ 1. Neither I nor II can be concluded from the given information.
- ☒ 2. Only II can be concluded from the given information.
- ☒ 3. Both I and II can be concluded from the given information.
- ☒ 4. Only I can be concluded from the given information.

Question ID : 7518979089

Option 1 ID : 75189736356

Option 2 ID : 75189736354

Option 3 ID : 75189736355

Option 4 ID : 75189736353

Status : Answered

Chosen Option : 4

Q.8 Select the number from among the given options that can replace the question mark (?) in the following series.

67, 67, 56, ?, 45, 45, 34, 34, 23, 23, 12

- Ans**
- ☒ 1. 67
 - ☒ 2. 45
 - ☒ 3. 53
 - ☒ 4. 56

Question ID : **7518978036**
Option 1 ID : **75189732143**
Option 2 ID : **75189732141**
Option 3 ID : **75189732144**
Option 4 ID : **75189732142**
Status : **Answered**
Chosen Option : **4**

Q.9 In a cell, where does the process of breakdown of glucose, a 6-carbon molecule, to pyruvate, a 3-carbon molecule, take place?

- Ans**
- ☒ 1. Cytoplasm
 - ☒ 2. Chloroplast
 - ☒ 3. Golgi apparatus
 - ☒ 4. Mitochondria

Question ID : **7518977798**
Option 1 ID : **75189731190**
Option 2 ID : **75189731191**
Option 3 ID : **75189731192**
Option 4 ID : **75189731189**
Status : **Answered**
Chosen Option : **2**

Q.10 Refer to the following letter, number, symbol series and answer the question.

(Left) H ^ 5 T & M 4 @ 5 # 1 4 J 3 P H 9 L ! 5 2 (Right)

If all numbers are dropped from the series, which of the following will be fifth from the right?

- Ans**
- ☒ 1. J
 - ☒ 2. @
 - ☒ 3. L
 - ☒ 4. P

Question ID : **7518979161**
Option 1 ID : **75189736643**
Option 2 ID : **75189736642**
Option 3 ID : **75189736641**
Option 4 ID : **75189736644**
Status : **Answered**
Chosen Option : **1**

Q.11 If the length of a conductor is increased five times, keeping material and thickness same, its resistance will

- Ans**
- ☒ 1. become one-fifth of the original
 - ☒ 2. remain same
 - ☒ 3. become five times of the original
 - ☒ 4. become double

Question ID : **7518979553**
Option 1 ID : **75189738211**
Option 2 ID : **75189738210**
Option 3 ID : **75189738212**
Option 4 ID : **75189738209**
Status : **Answered**
Chosen Option : **1**

Q.12 A, K, G, D, H and Y are sitting in a straight row facing north. K is at one extreme end. Y is sitting third from the right of K and second to the left of A. D and H are immediate neighbours. G is sitting to the immediate left of A. D sits third to the left of G. Who is to the immediate right of K?

- Ans**
- ☒ 1. H
 - ☒ 2. G
 - ☒ 3. D
 - ☒ 4. Y

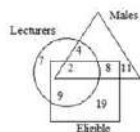
Question ID : **7518978952**
Option 1 ID : **75189735805**
Option 2 ID : **75189735808**
Option 3 ID : **75189735806**
Option 4 ID : **75189735807**
Status : **Answered**
Chosen Option : **3**

Q.13 As stated by the law of variable proportions, as additional units of a variable factor are combined with a given level of fixed factors and technology, the marginal product of the variable factor _____.

- Ans**
- ☒ 1. increases sharply
 - ☒ 2. first declines and then increases
 - ☒ 3. declines sharply
 - ☒ 4. first increases and then declines

Question ID : **7518978555**
Option 1 ID : **75189734219**
Option 2 ID : **75189734218**
Option 3 ID : **75189734220**
Option 4 ID : **75189734217**
Status : **Answered**
Chosen Option : **4**

Q.14 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such male lecturers are there who are NOT eligible?

- Ans**
- ☒ 1. 10
 - ☒ 2. 2
 - ☒ 3. 4
 - ☒ 4. 6

Question ID : **7518979723**
 Option 1 ID : **75189738892**
 Option 2 ID : **75189738891**
 Option 3 ID : **75189738889**
 Option 4 ID : **75189738890**

Status : **Answered**

Chosen Option : **3**

Q.15 In the year 2021, who among the following received the Shanti Swarup Bhatnagar Award in biological science?

- Ans**
- ☒ 1. Aditi Sen De
 - ☒ 2. Amit Singh
 - ☒ 3. Jyotirmayee Dash
 - ☒ 4. Kayarat Sai Krishnan

Question ID : **7518977150**
 Option 1 ID : **75189728600**
 Option 2 ID : **75189728597**
 Option 3 ID : **75189728599**
 Option 4 ID : **75189728598**

Status : **Not Answered**

Chosen Option : **--**

Q.16 If $7\sin^2x + 3\cos^2x = 4$, and x is acute angle, then the value of $\cot x + \tan x$ will be:

- Ans
- ☒ 1. $\frac{5}{\sqrt{3}}$
 - ☒ 2. $\frac{2}{\sqrt{3}}$
 - ☒ 3. $\frac{4}{\sqrt{3}}$
 - ☒ 4. $\frac{7}{\sqrt{3}}$

Question ID : 7518979346
 Option 1 ID : 75189737383
 Option 2 ID : 75189737381
 Option 3 ID : 75189737382
 Option 4 ID : 75189737384
 Status : Answered
 Chosen Option : 3

Q.17 According to the 2011 census of languages, which is the second highest spoken language in India?

- Ans
- ☒ 1. Telugu
 - ☒ 2. Tamil
 - ☒ 3. Gujarati
 - ☒ 4. Bengali

Question ID : 7518979389
 Option 1 ID : 75189737553
 Option 2 ID : 75189737555
 Option 3 ID : 75189737556
 Option 4 ID : 75189737554
 Status : Answered
 Chosen Option : 4

Q.18 The Third Five-Year Plan of India was launched under the leadership of _____.

- Ans
- ☒ 1. Gulzarilal Nanda
 - ☒ 2. Jawaharlal Nehru
 - ☒ 3. Morarji Desai
 - ☒ 4. Lal Bahadur Shastri

Question ID : 7518977519
 Option 1 ID : 75189730074
 Option 2 ID : 75189730075
 Option 3 ID : 75189730076
 Option 4 ID : 75189730073
 Status : Answered
 Chosen Option : 2

Q.19 Who among the following became the Vice -President of India from 11th August 2022?

- Ans
- ☒ 1. B. D. Mishra
 - ☒ 2. Biswabhusan Harichandan
 - ☒ 3. Phagu Chauhan
 - ☒ 4. Jagdeep Dhankhar

Question ID : 7518979448
Option 1 ID : 75189737790
Option 2 ID : 75189737789
Option 3 ID : 75189737792
Option 4 ID : 75189737791
Status : Answered
Chosen Option : 4

Q.20 The value of $[(5^2)^4 \times 5^3] \div 5^9$ is:

- Ans
- ☒ 1. 25
 - ☒ 2. 125
 - ☒ 3. $\frac{1}{5}$
 - ☒ 4. 5

Question ID : 7518979203
Option 1 ID : 75189736811
Option 2 ID : 75189736810
Option 3 ID : 75189736812
Option 4 ID : 75189736809
Status : Answered
Chosen Option : 1

Q.21 Name the instrument used by the physicians to measure blood pressure.

- Ans
- ☒ 1. Echocardiogram
 - ☒ 2. Sphygmomanometer
 - ☒ 3. Stethoscope
 - ☒ 4. Spirometer

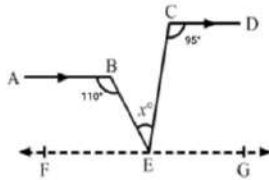
Question ID : 7518974392
Option 1 ID : 75189717565
Option 2 ID : 75189717566
Option 3 ID : 75189717567
Option 4 ID : 75189717568
Status : Answered
Chosen Option : 2

Q.22 Value of refractive index can be calculated by using:

- Ans
- ☒ 1. Newton's law
 - ☒ 2. Ohm's law
 - ☒ 3. Snell's law
 - ☒ 4. Maxwell's law

Question ID : 7518979506
 Option 1 ID : 75189738024
 Option 2 ID : 75189738021
 Option 3 ID : 75189738023
 Option 4 ID : 75189738022
 Status : Not Answered
 Chosen Option : --

Q.23 In the given figure, lines AB and CD are parallel to line FG. E is a point on the line FG. It is given that $\angle ABE = 110^\circ$, $\angle ECD = 95^\circ$ and $\angle BEC = x^\circ$. The value of x is:



- Ans
- ☒ 1. 25°
 - ☒ 2. 80°
 - ☒ 3. 60°
 - ☒ 4. 30°

Question ID : 7518979334
 Option 1 ID : 75189737333
 Option 2 ID : 75189737335
 Option 3 ID : 75189737334
 Option 4 ID : 75189737336
 Status : Answered
 Chosen Option : 1

Q.24 The population of a village increases at the rate of 10% per annum. If its population 2 years ago was 10,000, the present population is:

- Ans
- ☒ 1. 12,000
 - ☒ 2. 12,400
 - ☒ 3. 12,100
 - ☒ 4. 11,000

Question ID : 7518979241
 Option 1 ID : 75189736962
 Option 2 ID : 75189736964
 Option 3 ID : 75189736963
 Option 4 ID : 75189736961
 Status : Answered
 Chosen Option : 3

Q.25 The Union Territory of Lakshadweep has _____ inhabited islands as of March 2022.

- Ans
- ☒ 1. 14
 - ☒ 2. 10
 - ☒ 3. 16
 - ☒ 4. 12

Question ID : **7518978567**
Option 1 ID : **75189734267**
Option 2 ID : **75189734266**
Option 3 ID : **75189734268**
Option 4 ID : **75189734265**
Status : **Not Answered**
Chosen Option : --

Q.26 A dishonest shopkeeper uses false weights. He gains 30% on purchasing and 30% on selling. His profit percentage is:

- Ans
- ☒ 1. 99%
 - ☒ 2. 79%
 - ☒ 3. 69%
 - ☒ 4. 89%

Question ID : **7518978687**
Option 1 ID : **75189734745**
Option 2 ID : **75189734747**
Option 3 ID : **75189734748**
Option 4 ID : **75189734746**
Status : **Answered**
Chosen Option : 3

Q.27 Consider the below statements and identify the correct answer.

Statement- I: The stinging hair of nettle leaves injects methanoic acid causing burning pain.

Statement-II: Use of a mild base like baking soda on the stung area gives relief.

- Ans
- ☒ 1. Only Statement II is correct.
 - ☒ 2. Only Statement I is correct.
 - ☒ 3.
 - ☒ 4.
- Both statements are correct. Statement II is not related to Statement I.
- Both Statements are correct. Statement II is related to Statement I.

Question ID : **7518973636**
Option 1 ID : **75189714544**
Option 2 ID : **75189714543**
Option 3 ID : **75189714541**
Option 4 ID : **75189714542**
Status : **Not Answered**
Chosen Option : --

Q.28 In ΔPQR , if $\angle P : \angle Q : \angle R = 6 : 7 : 5$ then, the measure of $\angle Q$ is:

- Ans
- ☒ 1. 55°
 - ☒ 2. 70°
 - ☒ 3. 75°
 - ☒ 4. 60°

Question ID : 7518979336
Option 1 ID : 75189737341
Option 2 ID : 75189737342
Option 3 ID : 75189737344
Option 4 ID : 75189737343
Status : Answered
Chosen Option : 2

Q.29 Five boxes A, B, C, D, and E are kept one over the other but not necessarily in the same order. The box A is not kept above or below box C or E which are kept together. Box B is kept at the third place above box C. There is only one box between box D and E and one of them is kept at the bottom. Which box is kept in the middle?

- Ans
- ☒ 1. D
 - ☒ 2. A
 - ☒ 3. B
 - ☒ 4. C

Question ID : 7518977900
Option 1 ID : 75189731600
Option 2 ID : 75189731597
Option 3 ID : 75189731598
Option 4 ID : 75189731599
Status : Answered
Chosen Option : 1

Q.30 Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between A and G. Only two people sit to the left of A. F is not an immediate neighbour of G. F sits second to the right of E. C sits to the immediate right of B. Who sits at the extreme left end of the row?

- Ans
- ☒ 1. C
 - ☒ 2. A
 - ☒ 3. G
 - ☒ 4. D

Question ID : 7518978174
Option 1 ID : 75189732695
Option 2 ID : 75189732694
Option 3 ID : 75189732696
Option 4 ID : 75189732693
Status : Answered
Chosen Option : 4

Q.31 If 3 is added to each odd digit and 1 is subtracted from each even digit in the number 4815421, what will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

- Ans**
- ☒ 1. 11
 - ☒ 2. 10
 - ☒ 3. 9
 - ☒ 4. 7

Question ID : 7518978330
Option 1 ID : 75189733319
Option 2 ID : 75189733320
Option 3 ID : 75189733317
Option 4 ID : 75189733318
Status : **Answered**
Chosen Option : 4

Q.32 To obtain a virtual and erect image by reflection from a concave mirror of focal length 20 cm, the object should be placed:

- Ans**
- ☒ 1. at zero
 - ☒ 2. between 0-20 cm
 - ☒ 3. between 20-40 cm
 - ☒ 4. at 20 cm

Question ID : 7518979490
Option 1 ID : 75189737960
Option 2 ID : 75189737959
Option 3 ID : 75189737958
Option 4 ID : 75189737957
Status : **Not Answered**
Chosen Option : --

Q.33 When blue and orange lights, which are parallel to each other, are passed through prism then:

- Ans**
- ☒ 1. blue ray will bend more
 - ☒ 2. both emergent rays will be parallel
 - ☒ 3. blue ray will bend towards the top
 - ☒ 4. orange ray will bend more

Question ID : 7518979525
Option 1 ID : 75189738100
Option 2 ID : 75189738097
Option 3 ID : 75189738098
Option 4 ID : 75189738099
Status : **Answered**
Chosen Option : 2

Q.34 What is the form of contraception that can help stop the spread of sexually transmitted diseases to some extent?

- Ans**
- ☒ 1. IUD
 - ☒ 2. Vasectomy
 - ☒ 3. Oral contraceptive pills
 - ☒ 4. Condoms

Question ID : **7518974424**
Option 1 ID : **75189717695**
Option 2 ID : **75189717693**
Option 3 ID : **75189717694**
Option 4 ID : **75189717696**

Status : **Answered**

Chosen Option : **4**

Q.35 Six persons, P, Q, R, S, T and U travelled in different months of the same year viz. January, February, March, July, September and December.

R travelled in September. Only one person travelled between R and T. No one travelled between U and P. P travelled in a month after U. More than two people travelled between P and S. Who among them travelled in July?

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

Question ID : **7518978192**
Option 1 ID : **75189732766**
Option 2 ID : **75189732765**
Option 3 ID : **75189732768**
Option 4 ID : **75189732767**

Status : **Answered**

Chosen Option : **1**

Q.36 The cost of 2 kg of apples and 2 kg of grapes on a day was found to be ₹160. After a month, the cost of 4 kg of apples and 3 kg of grapes was ₹300. Assuming the costs were not changed during the month, the cost of apples (per kg) will be:

- Ans**
- ☒ 1. ₹20
 - ☒ 2. ₹40
 - ☒ 3. ₹120
 - ☒ 4. ₹60

Question ID : **7518979286**
Option 1 ID : **75189737143**
Option 2 ID : **75189737142**
Option 3 ID : **75189737141**
Option 4 ID : **75189737144**

Status : **Answered**

Chosen Option : **4**

Q.37 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)

(1, 2)

(5, 10)

Ans ✓ 1. 4, 8

✗ 2. 7, 405

✗ 3. 2, 10

✗ 4. 3, 33

Question ID : **7518978059**
Option 1 ID : **75189732234**
Option 2 ID : **75189732235**
Option 3 ID : **75189732233**
Option 4 ID : **75189732236**
Status : **Answered**
Chosen Option : **1**

Q.38 Which Muslim festival is celebrated to mark the culmination of the hajj (pilgrimage) rites at Minā, Saudi Arabia, near Mecca?

Ans ✗ 1. Milad un-Nabi

✓ 2. Eid Al-Adha

✗ 3. Muharram

✗ 4. Eid-Ul-Fitr

Question ID : **7518979397**
Option 1 ID : **75189737586**
Option 2 ID : **75189737585**
Option 3 ID : **75189737588**
Option 4 ID : **75189737587**
Status : **Answered**
Chosen Option : **2**

Q.39 Which of the following alphanumeric-clusters will replace the question mark (?) in the given series to make it logically complete?

P5U, N7U, L3O, J8R, ?

- Ans**
- ☒ 1. H2F
 - ☒ 2. H4D
 - ☒ 3. H2J
 - ☒ 4. H3E

Question ID : **7518979744**
Option 1 ID : **75189738974**
Option 2 ID : **75189738976**
Option 3 ID : **75189738975**
Option 4 ID : **75189738973**

Status : **Answered**
Chosen Option : **3**

Q.40 _____ is a government scheme meant for old age protection and social security of Unorganised workers.

- Ans**
- ☒ 1. Varishtha Pension Bima Yojana.
 - ☒ 2. Pradhan Mantri Shram Yogi Maandhan Yojana
 - ☒ 3. Atal Pension Yojna
 - ☒ 4. Life Cover under Pradhan Mantri Jan Dhan Yojana

Question ID : **7518978839**
Option 1 ID : **75189735355**
Option 2 ID : **75189735356**
Option 3 ID : **75189735353**
Option 4 ID : **75189735354**

Status : **Answered**
Chosen Option : **2**

Q.41 The sum of two times Manavi's present age and Tanvi's present age is 35 years. Tanvi's father is presently three times as old as Tanvi. Manavi's brother's present age is 6 years more than Manavi's present age. The sum of the present ages of Tanvi's father and Manavi's brother is 56 years. What is the sum of the present ages (in years) of Manavi and Tanvi?

- Ans**
- ☒ 1. 24
 - ☒ 2. 27
 - ☒ 3. 23
 - ☒ 4. 31

Question ID : **7518978449**
Option 1 ID : **75189733795**
Option 2 ID : **75189733794**
Option 3 ID : **75189733796**
Option 4 ID : **75189733793**

Status : **Answered**
Chosen Option : **3**



In the given reaction, which product remains in the solution?

- Ans
- ☒ 1. $BaCl_2$
 - ☒ 2. $BaSO_4$
 - ☒ 3. $NaCl$
 - ☒ 4. Na_2SO_4

Question ID : 7518979620
 Option 1 ID : 75189738479
 Option 2 ID : 75189738477
 Option 3 ID : 75189738478
 Option 4 ID : 75189738480
 Status : Not Answered
 Chosen Option : --

Q.43 Which of the following is NOT a location for the Kumbh mela religious festival?

- Ans
- ☒ 1. Bodh Gaya
 - ☒ 2. Allahabad
 - ☒ 3. Haridwar
 - ☒ 4. Ujjain

Question ID : 7518979380
 Option 1 ID : 75189737520
 Option 2 ID : 75189737519
 Option 3 ID : 75189737518
 Option 4 ID : 75189737517
 Status : Answered
 Chosen Option : 1

Q.44 A man travels from point A to B at a speed of $56\frac{1}{4}$ km/h and returns to A through same route by increasing his speed by $33\frac{1}{3}\%$ of his earlier speed. His average speed (in km/h) for the whole journey is

- Ans
- ☒ 1. $63\frac{1}{2}$
 - ☒ 2. $60\frac{5}{7}$
 - ☒ 3. $62\frac{1}{4}$
 - ☒ 4. $64\frac{2}{7}$

Question ID : 7518978412
 Option 1 ID : 75189733647
 Option 2 ID : 75189733645
 Option 3 ID : 75189733646
 Option 4 ID : 75189733648
 Status : Answered
 Chosen Option : 3

Q.45 Apart from nucleus of the cell, which two cell organelles have their own DNA and Ribosomes?

- Ans
- ☒ 1. Plastids and Mitochondria
 - ☐ 2. Mitochondria and Lysosomes
 - ☐ 3. Plastids and Golgi bodies
 - ☐ 4. Mitochondria and Golgi bodies

Question ID : 7518974515

Option 1 ID : 75189718059

Option 2 ID : 75189718058

Option 3 ID : 75189718057

Option 4 ID : 75189718060

Status : Answered

Chosen Option : 4

Q.46 Which of the following molecules has only single bonds?

- Ans
- ☐ 1. O_2
 - ☒ 2. CH_4
 - ☐ 3. CO_2
 - ☐ 4. N_2

Question ID : 7518973389

Option 1 ID : 75189713556

Option 2 ID : 75189713553

Option 3 ID : 75189713554

Option 4 ID : 75189713555

Status : Answered

Chosen Option : 1

Q.47 A point on the principal axis which is at double the distance between P and F for a spherical mirror is:

- Ans
- ☐ 1. principal focus
 - ☐ 2. infinity
 - ☒ 3. centre of curvature
 - ☐ 4. pole

Question ID : 7518979470

Option 1 ID : 75189737880

Option 2 ID : 75189737877

Option 3 ID : 75189737878

Option 4 ID : 75189737879

Status : Not Answered

Chosen Option : --

Q.48 The expenditure of Sudha is 125% more than her savings. If her expenditure decreases by 6% and savings increase by 26.5%, then by what percent does her income increase?

- Ans**
- ☒ 1. 20.5%
 - ☒ 2. 18.5%
 - ☒ 3. 8%
 - ☒ 4. 4%

Question ID : **7518978362**
Option 1 ID : **75189733445**
Option 2 ID : **75189733446**
Option 3 ID : **75189733447**
Option 4 ID : **75189733448**
Status : **Answered**
Chosen Option : **2**

Q.49 Pole P is to the west of pole T and north of pole R. Pole Q is to the west of pole R and north of pole W. What is the position of pole R with respect to pole T?

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

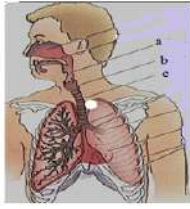
Question ID : **7518977366**
Option 1 ID : **75189729463**
Option 2 ID : **75189729461**
Option 3 ID : **75189729462**
Option 4 ID : **75189729464**
Status : **Answered**
Chosen Option : **3**

Q.50 Six students, J, K, L, M, N and O, decided to race during a PE lesson. Each had a different speed in the race. N ran faster than M but slower than L. M ran slower than J but faster than O. K ran faster than L. J ran slower than L. Who among the six ran the fastest?

- Ans**
- ☒ 1. K
 - ☒ 2. N
 - ☒ 3. L
 - ☒ 4. J

Question ID : **7518974971**
Option 1 ID : **75189719881**
Option 2 ID : **75189719884**
Option 3 ID : **75189719882**
Option 4 ID : **75189719883**
Status : **Answered**
Chosen Option : **1**

Q.51 The labelling for the parts a, b and c of the human respiratory system shown below are given as options. Identify the correct option.



- Ans**
- ☒ 1. a - Trachea, b - Larynx, c - Pharynx
 - ☒ 2. a - Larynx, b - Pharynx, c - Trachea
 - ☒ 3. a - Pharynx, b - Larynx, c - Trachea
 - ☒ 4. a - Pharynx, b - Trachea, c - Larynx

Question ID : **7518974590**

Option 1 ID : **75189718360**

Option 2 ID : **75189718357**

Option 3 ID : **75189718359**

Option 4 ID : **75189718358**

Status : **Answered**

Chosen Option : **3**

Q.52 Study the given table and answer the question that follows.

The table presents the total number of new life policies (in thousands) sold by different bank branches over the years.

	2001	2002	2003	2004	2005
Branch A	53	34	54	54	76
Branch B	23	57	65	25	45
Branch C	54	54	56	76	34
Branch D	26	25	45	65	48
Branch E	64	76	76	92	90
Branch F	35	45	56	45	76
Branch G	62	52	45	65	45
Branch H	55	13	76	92	34

Which pair of branches have recorded lowest number of policy sales in these years taken together?

- Ans**
- ☒ 1. Branch C and branch D
 - ☒ 2. Branch E and branch F
 - ☒ 3. Branch B and branch D
 - ☒ 4. Branch A and branch E

Question ID : **7518978102**

Option 1 ID : **75189732406**

Option 2 ID : **75189732407**

Option 3 ID : **75189732408**

Option 4 ID : **75189732405**

Status : **Answered**

Chosen Option : **3**

Q.53 International chess Olympiad 2022 is hosted by which of the following cities?

- Ans ☒ 1. Chennai
☒ 2. Kolkata
☒ 3. Bengaluru
☒ 4. Trivandrum

Question ID : 7518976795

Option 1 ID : 75189727178

Option 2 ID : 75189727179

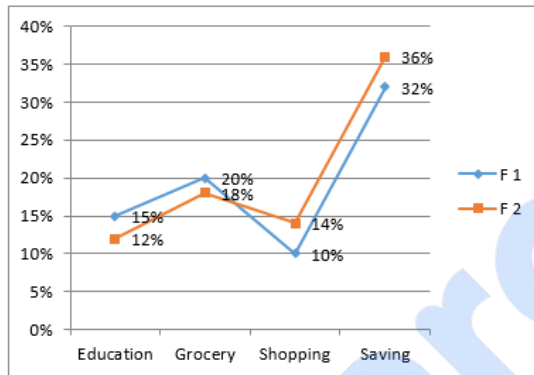
Option 3 ID : 75189727177

Option 4 ID : 75189727180

Status : Answered

Chosen Option : 1

Q.54 The given graph provides the details of expenses (in percentage) by two families (F1 and F2). Study the graph and answer the question.



Find the average percentage expense for grocery and shopping by family F 1.

- Ans ☒ 1. 31%
☒ 2. 16%
☒ 3. 15%
☒ 4. 33%

Question ID : 7518979798

Option 1 ID : 75189739192

Option 2 ID : 75189739190

Option 3 ID : 75189739189

Option 4 ID : 75189739191

Status : Answered

Chosen Option : 3

Q.55 If '+' means '×', '×' means '+', '-' means '-', and '-' means '+', then what will be the value of the given expression?

$$999 - 3 + 10 \times 5 \div 4$$

- Ans**
- ☒ 1. 550
 - ☒ 2. 3000
 - ☒ 3. 1000
 - ☒ 4. 1001

Question ID : **7518979790**
Option 1 ID : **75189739157**
Option 2 ID : **75189739159**
Option 3 ID : **75189739158**
Option 4 ID : **75189739160**
Status : **Answered**
Chosen Option : **4**

Q.56

In March 2022, who was selected for the 31st GD Birla Award for Outstanding Contribution and Scientific Research in the field of Physics?

Ans

- ☒ 1. Professor Amrita Hazra
- ☒ 2. Professor Pinaki Talukdar
- ☒ 3. Professor Narayan Pradhan
- ☒ 4. Professor Deepak Dhar

Question ID : **7518973761**
Option 1 ID : **75189715044**
Option 2 ID : **75189715042**
Option 3 ID : **75189715041**
Option 4 ID : **75189715043**
Status : **Answered**
Chosen Option : **4**

Q.57 Poona Pact was between Mahatma Gandhi and _____.

Ans

- ✓ 1. Dr B.R. Ambedkar
- ✗ 2. Lord Irwin
- ✗ 3. Lord Mountbatten
- ✗ 4. Sardar Vallabhbhai Patel

Question ID : 7518977174
Option 1 ID : 75189728693
Option 2 ID : 75189728694
Option 3 ID : 75189728696
Option 4 ID : 75189728695
Status : Answered
Chosen Option : 1

Q.58 How many formula units of CaSO_4 are attached to one molecule of water of crystallisation in Plaster of Paris?

Ans

- ✓ 1. 2
- ✗ 2. 4
- ✗ 3. 1
- ✗ 4. 3

Question ID : 7518979663
Option 1 ID : 75189738650
Option 2 ID : 75189738652
Option 3 ID : 75189738649
Option 4 ID : 75189738651
Status : Answered
Chosen Option : 1

Q.59 The highest common factor of any two distinct prime numbers is:

Ans

- ✗ 1. 3
- ✗ 2. 0
- ✗ 3. 2
- ✓ 4. 1

Question ID : 7518978642
Option 1 ID : 75189734565
Option 2 ID : 75189734568
Option 3 ID : 75189734566
Option 4 ID : 75189734567
Status : Answered
Chosen Option : 4

Q.60 The Government of India set up a committee to review the Fiscal Responsibility and Budget Management Act 2003, under the Chairmanship of NK Singh, in the year _____.

- Ans
- ☒ 1. 2014
 - ☒ 2. 2016
 - ☒ 3. 2013
 - ☒ 4. 2015

Question ID : **7518978541**
 Option 1 ID : **75189734162**
 Option 2 ID : **75189734164**
 Option 3 ID : **75189734161**
 Option 4 ID : **75189734163**
 Status : **Answered**
 Chosen Option : 1

Q.61 A, B and C can complete a piece of work in 20, 24 and 30 days, respectively. The number of days they take to finish it if they work together will be:

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

Question ID : **7518979263**
 Option 1 ID : **75189737051**
 Option 2 ID : **75189737052**
 Option 3 ID : **75189737049**
 Option 4 ID : **75189737050**
 Status : **Answered**
 Chosen Option : 1

Q.62 Humans has been practicing water harvesting since ancient times. Some different forms of water harvesting structures are given in Column I and the place they are practiced in Column II. Select the option that shows the correct matching.

Column I (Water harvesting structures)	Column II (Places where they are practiced)
A. Surangams	i) Bihar
B. Pynes	ii) Rajasthan
C. Kulhs	iii) Kerala
D. Khadins	iv) Himachal Pradesh

- Ans
- ☒ 1. A-ii, B-iii, C-i, D-iv
 - ☒ 2. A-iii, B-i, C-iv, D-ii
 - ☒ 3. A-i, B-ii, C-iii, D-iv
 - ☒ 4. A-iii, B-ii, C-iv, D-i

Question ID : **7518974704**
 Option 1 ID : **75189718814**
 Option 2 ID : **75189718816**
 Option 3 ID : **75189718813**
 Option 4 ID : **75189718815**
 Status : **Not Answered**
 Chosen Option : --

Q.63 A team of 30 men is supposed to complete a work in 41 days. After 25 days, 6 more men are employed, and the work is finished one day earlier. By how many days would it have been delayed, if 6 more men were not employed?

- Ans**
- ✓ 1. 2 days
 - ✗ 2. 4 days
 - ✗ 3. 3 days
 - ✗ 4. 1 day

Question ID : **7518979267**
Option 1 ID : **75189737066**
Option 2 ID : **75189737068**
Option 3 ID : **75189737067**
Option 4 ID : **75189737065**
Status : **Not Answered**
Chosen Option : --

Q.64 In a code language, 'you are my world' is written as 'kai po che lu', 'my home world' is written as 'je po kai', and 'she was my girl' is written as 'da mu kai va'. What is the code for the word 'world' in that language?

- Ans**
- ✗ 1. kai
 - ✗ 2. mu
 - ✓ 3. po
 - ✗ 4. lu

Question ID : **7518977676**
Option 1 ID : **75189730704**
Option 2 ID : **75189730701**
Option 3 ID : **75189730703**
Option 4 ID : **75189730702**
Status : **Answered**
Chosen Option : 3

Q.65 Who stated that the principle of maximum social advantage is the most fundamental principle lying at the root of public finance?

- Ans**
- ✗ 1. John R Hicks
 - ✓ 2. Hugh Dalton
 - ✗ 3. Arthur Cecil Pigou
 - ✗ 4. Martin EP Seligman

Question ID : **7518974226**
Option 1 ID : **75189716904**
Option 2 ID : **75189716902**
Option 3 ID : **75189716901**
Option 4 ID : **75189716903**
Status : **Not Answered**
Chosen Option : --

Q.66 The safety device that works on the heating effect of electric current is:

- Ans
- ☐ 1. Switch
 - ☒ 2. Fuse
 - ☐ 3. Electric motor
 - ☐ 4. Heater

Question ID : **7518979567**
Option 1 ID : **75189738265**
Option 2 ID : **75189738266**
Option 3 ID : **75189738267**
Option 4 ID : **75189738268**

Status : **Answered**
Chosen Option : **1**

Q.67 Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

- 1. Some biscuits are cookies.
- 2. Some cookies are pastries.
- 3. All pastries are creams.

Conclusions:

- I. Some pastries are biscuits.
- II. Some creams are biscuits.
- III. Some creams are cookies.

- Ans
- ☐ 1. Only conclusion II is true
 - ☒ 2. Only conclusion III is true
 - ☐ 3. Only conclusion I and II are true
 - ☐ 4. Only conclusion I is true

Question ID : **7518978209**
Option 1 ID : **75189732834**
Option 2 ID : **75189732835**
Option 3 ID : **75189732836**
Option 4 ID : **75189732833**

Status : **Answered**
Chosen Option : **2**

Q.68 Which reaction is an example of a double displacement reaction?

- Ans
- ☐ 1. $\text{Pb(s)} + \text{CuCl}_2(\text{aq}) \longrightarrow \text{PbCl}_2(\text{aq}) + \text{Cu(s)}$
 - ☒ 2. $\text{Na}_2\text{SO}_4(\text{aq}) + \text{BaCl}_2(\text{aq}) \longrightarrow \text{BaSO}_4(\text{s}) + 2\text{NaCl}(\text{aq})$
 - ☐ 3. $\text{Zn(s)} + \text{CuSO}_4(\text{aq}) \longrightarrow \text{ZnSO}_4(\text{aq}) + \text{Cu(s)}$
 - ☐ 4. $\text{Fe(s)} + \text{CuSO}_4(\text{aq}) \longrightarrow \text{FeSO}_4(\text{aq}) + \text{Cu(s)}$

Question ID : 7518979621
Option 1 ID : 75189738484
Option 2 ID : 75189738482
Option 3 ID : 75189738483
Option 4 ID : 75189738481

Status : Answered
Chosen Option : 2

Q.69 What will be the value of the given expression if 4 and 7 are interchanged and also '*' and '+' are interchanged?

$$63 \times 3 - 4 + 18 \div 7$$

- Ans
- ☐ 1. 56
 - ☒ 2. 86
 - ☐ 3. 48
 - ☐ 4. 68

Question ID : 7518979796
Option 1 ID : 75189739181
Option 2 ID : 75189739182
Option 3 ID : 75189739183
Option 4 ID : 75189739184

Status : Answered
Chosen Option : 2

Q.70 What is the altitude of the outermost range of Himalayas, the Shiwaliks?

- Ans
- ☐ 1. 800 to 1000 meter
 - ☐ 2. 600 to 800 meter
 - ☒ 3. 900 to 1100 meter
 - ☐ 4. 700 to 900 meter

Question ID : 7518979421
Option 1 ID : 75189737682
Option 2 ID : 75189737684
Option 3 ID : 75189737681
Option 4 ID : 75189737683

Status : Answered
Chosen Option : 3

Q.71 Which air mass is warm?

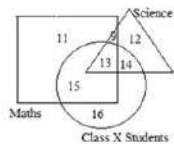
- Ans
- ☒ 1. Continental Polar
 - ☒ 2. Continental Tropical
 - ☒ 3. Maritime Polar
 - ☒ 4. Continental Arctic

Question ID : 7518977252
 Option 1 ID : 75189729005
 Option 2 ID : 75189729008
 Option 3 ID : 75189729007
 Option 4 ID : 75189729006

Status : Answered

Chosen Option : 3

Q.72 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many class X students like to study either Maths or Science but NOT both?

- Ans
- ☒ 1. 13
 - ☒ 2. 28
 - ☒ 3. 29
 - ☒ 4. 27

Question ID : 7518979725
 Option 1 ID : 75189738899
 Option 2 ID : 75189738897
 Option 3 ID : 75189738900
 Option 4 ID : 75189738898

Status : Answered

Chosen Option : 3

Q.73 A number when increased by $47\frac{1}{2}\%$, gives 590. The number is:

- Ans
- ☒ 1. 700
 - ☒ 2. 500
 - ☒ 3. 600
 - ☒ 4. 400

Question ID : 7518978657
 Option 1 ID : 75189734625
 Option 2 ID : 75189734627
 Option 3 ID : 75189734626
 Option 4 ID : 75189734628

Status : Answered

Chosen Option : 4

Q.74 Each vowel in the word HAPPILY is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

- Ans**
- ✓ 1. O
 - ✗ 2. P
 - ✗ 3. K
 - ✗ 4. B

Question ID : 7518978245
Option 1 ID : 75189732979
Option 2 ID : 75189732977
Option 3 ID : 75189732980
Option 4 ID : 75189732978

Status : Answered

Chosen Option : 1

Q.75 Express $0.1\bar{7}$ in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

- Ans**
- ✗ 1. $\frac{7}{45}$
 - ✗ 2. $\frac{6}{49}$
 - ✓ 3. $\frac{8}{45}$
 - ✗ 4. $\frac{5}{49}$

Question ID : 7518979213
Option 1 ID : 75189736849
Option 2 ID : 75189736851
Option 3 ID : 75189736850
Option 4 ID : 75189736852

Status : Answered

Chosen Option : 1

Q.76 Using empirical relation between the mean, median and mode, find the value of the median if the mean is 35 and mode is 140.

- Ans**
- ✗ 1. 90
 - ✗ 2. 100
 - ✓ 3. 70
 - ✗ 4. 80

Question ID : 7518978724
Option 1 ID : 75189734894
Option 2 ID : 75189734893
Option 3 ID : 75189734896
Option 4 ID : 75189734895

Status : Answered

Chosen Option : 3

Q.77 As on April 2022, the Indian Constitution contains _____ Articles, with 12 Schedules.

- Ans**
- ✓ 1. 448
 - ✗ 2. 484
 - ✗ 3. 378
 - ✗ 4. 336

Question ID : **7518978921**
Option 1 ID : **75189735682**
Option 2 ID : **75189735683**
Option 3 ID : **75189735684**
Option 4 ID : **75189735681**
Status : **Answered**
Chosen Option : **1**

Q.78 A shopkeeper sells one battery for ₹650 at a profit of 30% and another battery for ₹950 at a loss of 5%. His overall gain or loss percentage is:

- Ans**
- ✗ 1. $8\frac{2}{3}\%$ gain
 - ✗ 2. $9\frac{2}{3}\%$ loss
 - ✓ 3. $6\frac{2}{3}\%$ gain
 - ✗ 4. $7\frac{2}{3}\%$ loss

Question ID : **7518978686**
Option 1 ID : **75189734742**
Option 2 ID : **75189734741**
Option 3 ID : **75189734744**
Option 4 ID : **75189734743**
Status : **Answered**
Chosen Option : **3**

Q.79 Resistance of a conducting wire is 15 ohm. If another wire of the same material and length but having one-third radius is taken, then the resistance of the second wire will be _____.

- Ans**
- ✗ 1. 45 ohm
 - ✗ 2. 5 ohm
 - ✗ 3. 60 ohm
 - ✓ 4. 135 ohm

Question ID : **7518979555**
Option 1 ID : **75189738218**
Option 2 ID : **75189738217**
Option 3 ID : **75189738220**
Option 4 ID : **75189738219**
Status : **Answered**
Chosen Option : **2**

Q.80 Raghav starts from Point A and drives 30 km towards the north. He then takes a right turn, drives 34 km, turns right and drives 41 km. He then takes a right turn and drives 47 km. He takes a final right turn, drives 11 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. 13 km towards the south
 - ☒ 2. 13 km towards the east
 - ☒ 3. 15 km towards the west
 - ☒ 4. 23 km towards the east

Question ID : 7518978285

Option 1 ID : 75189733140

Option 2 ID : 75189733137

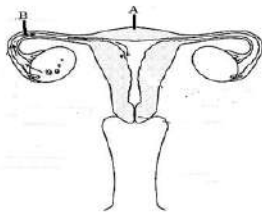
Option 3 ID : 75189733138

Option 4 ID : 75189733139

Status : Answered

Chosen Option : 2

Q.81 The figure given below shows the sectional view of the human female reproductive system. Identify the option stating correct functions of the labelled parts A and B.



- Ans**
- ☒ 1. A - Fertilisation of egg, B - Implantation and development of embryo
 - ☒ 2. A - Implantation and development of embryo, B - Fertilisation of egg
 - ☒ 3. A - Fertilisation of egg, B - Formation of egg
 - ☒ 4. A - Formation of egg, B - Fertilisation of egg

Question ID : 7518974615

Option 1 ID : 75189718460

Option 2 ID : 75189718457

Option 3 ID : 75189718458

Option 4 ID : 75189718459

Status : Answered

Chosen Option : 2

Q.82 Select the option in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits.

E.g. 13 – Operations on 13 such as adding /deleting /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)

(4, 13, 3)

(4, 19, 5)

Ans ☒ 1. (18, 28, 2)

☒ 2. (6, 14, 2)

☒ 3. (1, 25, 8)

☒ 4. (5, 30, 7)

Question ID : **7518979784**

Option 1 ID : **75189739134**

Option 2 ID : **75189739136**

Option 3 ID : **75189739133**

Option 4 ID : **75189739135**

Status : **Answered**

Chosen Option : **2**

Q.83 Which country has been declared as the winner of the 3rd edition of the SAFF U-18 Women's Football Championship 2022?

Ans ☒ 1. Bangladesh

☒ 2. Pakistan

☒ 3. India

☒ 4. Nepal

Question ID : **7518979350**

Option 1 ID : **75189737398**

Option 2 ID : **75189737399**

Option 3 ID : **75189737397**

Option 4 ID : **75189737400**

Status : **Answered**

Chosen Option : **3**

Q.84 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

HTY : ZVK

KUY : ZWN

- Ans**
- ☒ 1. KYT : WAL
 - ☒ 2. ABG : HCD
 - ☒ 3. APK : BRN
 - ☒ 4. AED : EGD

Question ID : **7518978034**

Option 1 ID : **75189732133**

Option 2 ID : **75189732134**

Option 3 ID : **75189732135**

Option 4 ID : **75189732136**

Status : **Answered**

Chosen Option : **4**

Q.85 The elements having atomic numbers 15, 16, 17, and 18, respectively, are:

- Ans**
- ☒ 1. P, S, Cl and Ar
 - ☒ 2. Ar, Cl, S and P
 - ☒ 3. S, P, Cl and Ar
 - ☒ 4. P, S, Ar and Cl

Question ID : **7518979671**

Option 1 ID : **75189738681**

Option 2 ID : **75189738682**

Option 3 ID : **75189738683**

Option 4 ID : **75189738684**

Status : **Answered**

Chosen Option : **3**

Q.86 In a class of 23 students Parul ranked 6th from the top and Shomya ranked 19th from the bottom. How many students ranked between Parul and Shomya?

- Ans**
- ☒ 1. 1
 - ☒ 2. 2
 - ☒ 3. 0
 - ☒ 4. 12

Question ID : **7518977892**

Option 1 ID : **75189731566**

Option 2 ID : **75189731567**

Option 3 ID : **75189731565**

Option 4 ID : **75189731568**

Status : **Answered**

Chosen Option : **1**

Q.87 If the 8-digit number $3x5479y4$ is divisible by 88 and the 8-digit number $425139z2$ is divisible by 9, then what is the greatest possible value of $(3x + 2y - z)$?

- Ans
- ☐ 1. 25
 - ☒ 2. 33
 - ☐ 3. 35
 - ☐ 4. 37

Question ID : **7518978350**
Option 1 ID : **75189733397**
Option 2 ID : **75189733398**
Option 3 ID : **75189733399**
Option 4 ID : **75189733400**
Status : **Answered**
Chosen Option : **3**

Q.88 The quadratic equation whose roots are 2 and $-\frac{1}{2}$ is:

- Ans
- ☐ 1. $3x^2 - 3x - 2 = 0$
 - ☐ 2. $5x^2 - 3x - 2 = 0$
 - ☐ 3. $2x^2 - 5x - 2 = 0$
 - ☒ 4. $2x^2 - 3x - 2 = 0$

Question ID : **7518979311**
Option 1 ID : **75189737241**
Option 2 ID : **75189737243**
Option 3 ID : **75189737242**
Option 4 ID : **75189737244**
Status : **Answered**
Chosen Option : **3**

Q.89 Magnetic field lines around the current carrying circular loop are:

- Ans
- ☐ 1. perpendicular to conductor
 - ☒ 2. concentric circles
 - ☐ 3. semi-circular
 - ☐ 4. parallel lines

Question ID : **7518979581**
Option 1 ID : **75189738321**
Option 2 ID : **75189738324**
Option 3 ID : **75189738323**
Option 4 ID : **75189738322**
Status : **Answered**
Chosen Option : **2**

Q.90

If $(a + b) = 11$ and $(a - b) = 3$ then, the value of $(a^2 + b^2)$ is:

- Ans
- ☒ 1. 65
 - ☐ 2. 70
 - ☐ 3. 75
 - ☐ 4. 63

Question ID : 7518979282
Option 1 ID : 75189737127
Option 2 ID : 75189737126
Option 3 ID : 75189737128
Option 4 ID : 75189737125
Status : Answered
Chosen Option : 1

Q.91 A strong magnet is moved towards a stationary coil. The induced current in the coil is the maximum when the angle between the direction of motion of the magnet and the plane of the coil is _____.

- Ans
- ☐ 1. 15°
 - ☐ 2. 45°
 - ☐ 3. 75°
 - ☒ 4. 90°

Question ID : 7518976755
Option 1 ID : 75189727017
Option 2 ID : 75189727018
Option 3 ID : 75189727019
Option 4 ID : 75189727020
Status : Answered
Chosen Option : 2

Q.92 How many such pairs of letters are there in the word REGULATION (in the forward direction) which have as many letters between them in the word as there are in the English alphabetical order?

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

Question ID : 7518977960
Option 1 ID : 75189731837
Option 2 ID : 75189731839
Option 3 ID : 75189731840
Option 4 ID : 75189731838
Status : Answered
Chosen Option : 3

Q.93 Which of the following leads to global warming?

- Ans
- ☒ 1. Increase in the levels of atmospheric ozone
 - ☒ 2. Increase in CO₂ percentage in the air
 - ☒ 3. Afforestation
 - ☒ 4. Accumulation of plastic waste

Question ID : 7518977858
Option 1 ID : 75189731431
Option 2 ID : 75189731430
Option 3 ID : 75189731429
Option 4 ID : 75189731432
Status : Answered
Chosen Option : 2

Q.94 What was the fundamental property used by Mendeleev to arrange elements in his Periodic Table?

- Ans
- ☒ 1. Liquid nature
 - ☒ 2. Solid nature
 - ☒ 3. Gaseous nature
 - ☒ 4. Atomic mass

Question ID : 7518979681
Option 1 ID : 75189738724
Option 2 ID : 75189738723
Option 3 ID : 75189738721
Option 4 ID : 75189738722
Status : Answered
Chosen Option : 4

Q.95 The sum of three consecutive natural numbers is 141. The middle number is:

- Ans
- ☒ 1. 46
 - ☒ 2. 47
 - ☒ 3. 56
 - ☒ 4. 57

Question ID : 7518978741
Option 1 ID : 75189734964
Option 2 ID : 75189734963
Option 3 ID : 75189734962
Option 4 ID : 75189734961
Status : Answered
Chosen Option : 2

Q.96 The value of $5 + (12 - 3 \times 4) - 6 \div 2$ is:

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

Question ID : 7518979197
Option 1 ID : 75189736786
Option 2 ID : 75189736785
Option 3 ID : 75189736788
Option 4 ID : 75189736787

Status : Answered
Chosen Option : 3

Q.97 Which formula is related to an unsaturated carbon compound?

- Ans
- ☒ 1. C_2H_4
 - ☒ 2. C_2H_6
 - ☒ 3. C_3H_8
 - ☒ 4. C_4H_{10}

Question ID : 7518979591
Option 1 ID : 75189738361
Option 2 ID : 75189738362
Option 3 ID : 75189738363
Option 4 ID : 75189738364

Status : Answered
Chosen Option : 3

Q.98 In a certain code language, 'SYMBOLIC' is written as 'CPTZNMJD' and 'SYMPATHY' is written as 'QBTZNUIZ'. How will 'SURVIVAL' be written in that language?

- Ans
- ☒ 1. WJTUSVBM
 - ☒ 2. TJWVSMBW
 - ☒ 3. WJTVSBWM
 - ☒ 4. WJTVSWBM

Question ID : 7518977678
Option 1 ID : 75189730711
Option 2 ID : 75189730710
Option 3 ID : 75189730709
Option 4 ID : 75189730712

Status : Answered
Chosen Option : 4

Q.99 Six friends P, Q, R, M, N and O prepared together for a class test and each one scored different marks. Only 3 friends scored less marks than R. N scored less marks than only 1 friend. Only O scored marks between the marks of P and M. Who scored the highest marks?

- Ans**
- ☒ 1. R
 - ☒ 2. M
 - ☒ 3. P
 - ☒ 4. Q

Question ID : **7518979739**
Option 1 ID : **75189738956**
Option 2 ID : **75189738953**
Option 3 ID : **75189738954**
Option 4 ID : **75189738955**

Status : **Answered**
Chosen Option : **4**

Q.100 If the radius of a sphere is 5 cm, then its surface area is:

- Ans**
- ☒ 1. $121 \pi \text{ cm}^2$
 - ☒ 2. $81 \pi \text{ cm}^2$
 - ☒ 3. $100 \pi \text{ cm}^2$
 - ☒ 4. $144 \pi \text{ cm}^2$

Question ID : **7518978786**
Option 1 ID : **75189735143**
Option 2 ID : **75189735141**
Option 3 ID : **75189735144**
Option 4 ID : **75189735142**

Status : **Answered**
Chosen Option : **3**