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 Khallikote College Area
Test Date	09/09/2022
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 If in the word 'DISCOUNT' all the letters are arranged in alphabetical order from left to right, then the position of how many letters will be remain unchanged?

Ans ✗ 1. Three
✗ 2. Four
✗ 3. Two
✔ 4. One

Question ID : **7518978986**
Option 1 ID : **75189735943**
Option 2 ID : **75189735944**
Option 3 ID : **75189735942**
Option 4 ID : **75189735941**
Status : **Answered**
Chosen Option : **4**

Q.2 Starting from point A, Ravi walks 30 m towards the north. He then takes a right turn and walks 100 m. Then, he takes another right turn and walks 30 m. From there, he turns to his right and walks 70 m. Then, he takes a left turn and walks 50 m. Finally, he takes a right turn and walks 30 m. How far and in which direction is Ravi now from point A? (All turns are 90 degree turns only)

Ans ✗ 1. 30 m, North
✔ 2. 50 m, South
✗ 3. 50 m, North
✗ 4. 30 m, West

Question ID : **7518975041**
Option 1 ID : **75189720163**
Option 2 ID : **75189720164**
Option 3 ID : **75189720162**
Option 4 ID : **75189720161**
Status : **Answered**
Chosen Option : **2**

Q.3 Amit told Shweta, "To reach our apartment, your mother must walk 560 m towards the east from her restaurant. She must then take a right turn and walk 543 m. She must take another right turn and walk 560 m. Then she must take one final right turn and walk 120 m". How far and in which direction is the apartment from the restaurant? (All turns are 90 degree turns only)

Ans
✔ 1. 423 m, South
✘ 2. 423 m, North
✘ 3. 397 m, North
✘ 4. 397 m, South

Question ID : **7518977697**
Option 1 ID : **75189730785**
Option 2 ID : **75189730786**
Option 3 ID : **75189730788**
Option 4 ID : **75189730787**
Status : **Answered**
Chosen Option : **1**

Q.4 Which of the following chemical reactions is balanced?

Ans
✔ 1. $Zn + H_2SO_4 \rightarrow ZnSO_4 + H_2$
✘ 2. $Fe + H_2O \rightarrow Fe_3O_4 + H_2$
✘ 3. $Fe + 4H_2O \rightarrow Fe_3O_4 + 4H_2$
✘ 4. $Mg + O_2 \rightarrow MgO$

Question ID : **7518979610**
Option 1 ID : **75189738438**
Option 2 ID : **75189738437**
Option 3 ID : **75189738440**
Option 4 ID : **75189738439**
Status : **Answered**
Chosen Option : **1**

Q.5 If a reactant gains oxygen in a reaction, it is said to be undergoing:

Ans
✘ 1. reduction
✔ 2. Oxidation
✘ 3. dissociation
✘ 4. redox process

Question ID : **7518979631**
Option 1 ID : **75189738521**
Option 2 ID : **75189738522**
Option 3 ID : **75189738524**
Option 4 ID : **75189738523**
Status : **Answered**
Chosen Option : **2**

Q.6 This question is based on the five, three-digit numbers given below.

(left)   434   353   423   224   322   (right)

(Example: 246 – first digit = 2, second digit = 4, third digit = 6)

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

If 4 is added to the second digit of every number, in how many numbers thus formed will the second digit be exactly divisible by the third digit?

Ans   ✗ 1. Two

     ✔ 2. Three

     ✗ 3. Five

     ✗ 4. One

Question ID : **7518978274**
Option 1 ID : **75189733095**
Option 2 ID : **75189733093**
Option 3 ID : **75189733096**
Option 4 ID : **75189733094**
Status : **Answered**
Chosen Option : **2**

Q.7 The largest four-digit number which when divided by 7, 11 and 13 leaves remainder 4 in each case is:

Ans   ✗ 1. 9009

     ✔ 2. 9013

     ✗ 3. 1005

     ✗ 4. 9999

Question ID : **7518978652**
Option 1 ID : **75189734607**
Option 2 ID : **75189734608**
Option 3 ID : **75189734605**
Option 4 ID : **75189734606**
Status : **Answered**
Chosen Option : **2**

Q.8 10 years ago, the ratio of the ages of A and B was 5: 9. 15 years from now, the ratio of their ages will be 15: 17. What will be A's age 15 years from now?

Ans ✔ 1. 30 years

✘ 2. 38 years

✘ 3. 35 years

✘ 4. 26 years

Question ID : **7518978751**
Option 1 ID : **75189735002**
Option 2 ID : **75189735001**
Option 3 ID : **75189735004**
Option 4 ID : **75189735003**
Status : **Answered**
Chosen Option : **3**

Q.9 If the power of a convex lens is 3 dioptre, then its focal length will be:

Ans ✔ 1. +0.33 m

✘ 2. −0.33 m

✘ 3. −3 m

✘ 4. +3 m

Question ID : **7518979521**
Option 1 ID : **75189738083**
Option 2 ID : **75189738084**
Option 3 ID : **75189738082**
Option 4 ID : **75189738081**
Status : **Answered**
Chosen Option : **1**

Q.10 The first Digital Food Museum in India was launched in _____ in the year 2021.

Ans ✘ 1. Karnataka

✘ 2. Kerala

✔ 3. Tamil Nadu

✘ 4. Maharashtra

Question ID : **7518977444**
Option 1 ID : **75189729774**
Option 2 ID : **75189729775**
Option 3 ID : **75189729773**
Option 4 ID : **75189729776**
Status : **Answered**
Chosen Option : **3**

Q.11 If $p + q + r = 13$ and $pq + qr + rp = 30$, then the value of $p^3 + q^3 + r^3 - 3pqr$ is:

Ans
✗ 1. 1216

✓ 2. 1027

✗ 3. 1145

✗ 4. 1125

Question ID : **7518976322**
Option 1 ID : **75189725286**
Option 2 ID : **75189725287**
Option 3 ID : **75189725288**
Option 4 ID : **75189725285**
Status : **Not Answered**
Chosen Option : **--**

Q.12 _____ is spoken by around 2.5 million people, mainly on the central west coast of India, and it is the official language of Goa.

Ans
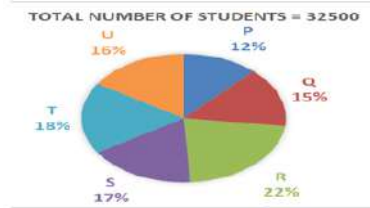✗ 1. Marathi

✗ 2. Dogri

✗ 3. Dhivehi

✓ 4. Konkani

Question ID : **7518978859**
Option 1 ID : **75189735435**
Option 2 ID : **75189735436**
Option 3 ID : **75189735433**
Option 4 ID : **75189735434**
Status : **Answered**
Chosen Option : **4**

Q.13 The focal length of a convex mirror is:

Ans
✗ 1. infinite

✗ 2. zero

✗ 3. negative

✓ 4. positive

Question ID : **7518979488**
Option 1 ID : **75189737951**
Option 2 ID : **75189737952**
Option 3 ID : **75189737950**
Option 4 ID : **75189737949**
Status : **Answered**
Chosen Option : **4**

Q.14 The following pie-chart shows the distribution of students of graduate levels in seven different colleges.

Distribution of students at graduate levels in seven different colleges:

TOTAL NUMBER OF STUDENTS = 32500
U 16%
P 12%
Q 15%
T 18%
R 22%
S 17%

What is the sum of students in College of P and T studying at graduate level?

Ans ✗ 1. 8925

✓ 2. 9750

✗ 3. 9875

✗ 4. 3900

Question ID : **7518979064**
Option 1 ID : **75189736254**
Option 2 ID : **75189736255**
Option 3 ID : **75189736256**
Option 4 ID : **75189736253**
Status : **Answered**
Chosen Option : **2**

Q.15 The new Centre for Water Management and Policy, AquaMAP was inaugurated in March 2022 by the Principal Scientific Adviser to the Government of India, K Vijay Raghavan at which of the following IITs?

Ans ✓ 1. IIT-Madras

✗ 2. IIT-Bombay

✗ 3. IIT-Kharagpur

✗ 4. IIT-Delhi

Question ID : **7518979360**
Option 1 ID : **75189737438**
Option 2 ID : **75189737437**
Option 3 ID : **75189737439**
Option 4 ID : **75189737440**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which of the following sports events is NOT included in the scheme of cash awards in India to medal winners and their coaches in international sports events?

Ans ✗ 1. Billiards

✓ 2. Cricket

✗ 3. Wrestling

✗ 4. Chess

Question ID : **7518976801**
Option 1 ID : **75189727203**
Option 2 ID : **75189727201**
Option 3 ID : **75189727204**
Option 4 ID : **75189727202**
Status : **Answered**
Chosen Option : **1**

Q.17 The formula for resultant resistance of three resistors connected in parallel combination is:

Ans ✗ 1. $R = \dfrac{1}{R_1} + \dfrac{1}{R_2} + \dfrac{1}{R_3}$

✗ 2. $R = R_1 + R_2 + R_3$

✓ 3. $\dfrac{1}{R} = \dfrac{1}{R_1} + \dfrac{1}{R_2} + \dfrac{1}{R_3}$

✗ 4. $\dfrac{1}{R} = R_1 + R_2 + R_3$

Question ID : **7518979559**
Option 1 ID : **75189738233**
Option 2 ID : **75189738235**
Option 3 ID : **75189738234**
Option 4 ID : **75189738236**
Status : **Answered**
Chosen Option : **3**

Q.18 When did the ozone levels in the atmosphere start to reduce?

Ans ✗ 1. 1995

✗ 2. 1965

✓ 3. 1980

✗ 4. 1990

Question ID : **7518974470**
Option 1 ID : **75189717880**
Option 2 ID : **75189717878**
Option 3 ID : **75189717877**
Option 4 ID : **75189717879**
Status : **Not Answered**
Chosen Option : **--**

Q.19 The area of a triangle having base 9 cm and height 16 cm is:

Ans   ✗ 1. 62 cm^2

     ✔ 2. 72 cm^2

     ✗ 3. 92 cm^2

     ✗ 4. 82 cm^2

Question ID : **7518978779**
Option 1 ID : **75189735116**
Option 2 ID : **75189735115**
Option 3 ID : **75189735113**
Option 4 ID : **75189735114**
Status : **Answered**
Chosen Option : **2**

Q.20 Three years ago, a man was six times as old as his grandson. Three years later, his age will be 6 more than four times the age of the grandson. The present age of the grandson is:

Ans   ✗ 1.   8 years

     ✔ 2.   15 years

     ✗ 3.   12 years

     ✗ 4.   10 years

Question ID : **7518979293**
Option 1 ID : **75189737172**
Option 2 ID : **75189737171**
Option 3 ID : **75189737169**
Option 4 ID : **75189737170**
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following statements about plant nutrition is INCORRECT?

Ans   ✔ 1.   Minerals and nutrients are poorly absorbed by water.

     ✗ 2.

Plants, in general, make use of the water in the soil at the root zone.

     ✗ 3.

Carbon is taken up by green plants from atmospheric carbon dioxide.

     ✗ 4.   Iron and manganese are both considered micronutrients.

Question ID : **7518974329**
Option 1 ID : **75189717315**
Option 2 ID : **75189717316**
Option 3 ID : **75189717313**
Option 4 ID : **75189717314**
Status : **Answered**
Chosen Option : **3**

Q.22 During a school tour one among the group of 15 students was elected as the group leader. If there are total 11 such groups, how many students are going for the tour?

Ans ✗ 1. 154

✓ 2. 165

✗ 3. 176

✗ 4. 174

Question ID : **7518977905**
Option 1 ID : **75189731619**
Option 2 ID : **75189731618**
Option 3 ID : **75189731617**
Option 4 ID : **75189731620**
Status : **Answered**
Chosen Option : **2**

Q.23 Some educational institutions in India were established in response to Mahatma Gandhi's call for non-cooperation with the British. Which of the following is NOT one of them?

Ans ✓ 1. Serampore College

✗ 2. Jamia Millia Islamia

✗ 3. Kashi Vidyapith

✗ 4. Gujarat Vidyapith

Question ID : **7518978514**
Option 1 ID : **75189734053**
Option 2 ID : **75189734055**
Option 3 ID : **75189734054**
Option 4 ID : **75189734056**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Newlands' Law of Octaves worked well with:

Ans ✗ 1. metallic elements only

✓ 2. lighter elements only

✗ 3. noble gases only

✗ 4. radioactive elements only

Question ID : **7518979679**
Option 1 ID : **75189738713**
Option 2 ID : **75189738715**
Option 3 ID : **75189738716**
Option 4 ID : **75189738714**
Status : **Not Answered**
Chosen Option : **--**

Q.25 A man saves 30% of his monthly income. If his monthly income increases by 10%, then he saves 20% more than the previous savings. The percentage increase in his expenditure is _____ (rounded off to one decimal place).

Ans

✔ 1. 5.7%

✘ 2. 6.8%

✘ 3. 7.3%

✘ 4. 4.8%

Question ID : **7518978661**
Option 1 ID : **75189734641**
Option 2 ID : **75189734642**
Option 3 ID : **75189734643**
Option 4 ID : **75189734644**
Status : **Answered**
Chosen Option : **1**

Q.26 Based on the given statement, four conclusions are drawn. Find out which conclusion is NOT true based on the statement.

Statement: $H < N \leq C \leq K = X > T > F$

Ans

✘ 1. $X \geq N$

✔ 2. $N > X$

✘ 3. $H < X$

✘ 4. $K > F$

Question ID : **7518974773**
Option 1 ID : **75189719090**
Option 2 ID : **75189719089**
Option 3 ID : **75189719091**
Option 4 ID : **75189719092**
Status : **Answered**
Chosen Option : **2**

Q.27 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.
U travelled in September. Only one person travelled between U and Q. No one travelled between P and S. S travelled in a month after P. More than two people travelled between S and T. Who among them travelled in March?

Ans

✘ 1. T

✔ 2. Q

✘ 3. R

✘ 4. P

Question ID : **7518978193**
Option 1 ID : **75189732772**
Option 2 ID : **75189732771**
Option 3 ID : **75189732770**
Option 4 ID : **75189732769**
Status : **Not Answered**
Chosen Option : **--**

Q.28 The part of the magnet from where magnetic field lines emerge is known as:

Ans ✔ 1. north pole

✘ 2. north and south pole

✘ 3. south pole

✘ 4. middle of the magnet

Question ID : **7518979576**
Option 1 ID : **75189738302**
Option 2 ID : **75189738304**
Option 3 ID : **75189738303**
Option 4 ID : **75189738301**
Status : **Answered**
Chosen Option : **1**

Q.29 Which element has non-metallic properties?

Ans ✔ 1. Cl

✘ 2. K

✘ 3. Li

✘ 4. Na

Question ID : **7518979700**
Option 1 ID : **75189738799**
Option 2 ID : **75189738800**
Option 3 ID : **75189738797**
Option 4 ID : **75189738798**
Status : **Answered**
Chosen Option : **1**

Q.30 Express $0.4\overline{35}$ in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

Ans ✘ 1. $\dfrac{456}{991}$

✘ 2. $\dfrac{425}{990}$

✔ 3. $\dfrac{431}{990}$

✘ 4. $\dfrac{430}{991}$

Question ID : **7518979214**
Option 1 ID : **75189736855**
Option 2 ID : **75189736854**
Option 3 ID : **75189736856**
Option 4 ID : **75189736853**
Status : **Answered**
Chosen Option : **3**

Q.31 In Δ MNO, ∠N = ∠O and NO = 12 cm, MO = 10 cm and MP be the altitude, then the length of MP is:

Ans ✔ 1. 8 cm

✗ 2. 10 cm

✗ 3. 3 cm

✗ 4. 11 cm

Question ID : **7518979337**
Option 1 ID : **75189737346**
Option 2 ID : **75189737348**
Option 3 ID : **75189737345**
Option 4 ID : **75189737347**
Status : **Answered**
Chosen Option : **1**

Q.32 Who among the following is known as the architect of Indian planning?

Ans ✗ 1. Dattatreya Gopal Karve

✗ 2. Dhananjay Ramchandra Gadgil

✗ 3. Kakkadan Nandanath Rajan

✔ 4. Prasanta Chandra Mahalanobis

Question ID : **7518977241**
Option 1 ID : **75189728962**
Option 2 ID : **75189728964**
Option 3 ID : **75189728961**
Option 4 ID : **75189728963**
Status : **Not Answered**
Chosen Option : **--**

Q.33 When Kavita took an aqueous solution of copper sulphate and added some granules of aluminium, the colour of the solution changed. This is because of the formation of:

Ans ✗ 1. Al_2O_3

✗ 2. $Al(OH)_3$

✔ 3. $Al_2(SO_4)_3$

✗ 4. CuO

Question ID : **7518973490**
Option 1 ID : **75189713958**
Option 2 ID : **75189713959**
Option 3 ID : **75189713957**
Option 4 ID : **75189713960**
Status : **Answered**
Chosen Option : **3**

Q.34 If the resistance of a conductor is 4.2 Ω and 220 V is applied across it then the current passing through the conductor is:

Ans ✗ 1. 0.02 ampere

✓ 2. 52.38 ampere

✗ 3. 5238 ampere

✗ 4. 924 ampere

Question ID : **7518979548**
Option 1 ID : **75189738192**
Option 2 ID : **75189738190**
Option 3 ID : **75189738191**
Option 4 ID : **75189738189**
Status : **Answered**
Chosen Option : **2**

Q.35 Who took oath as the Cabinet Minister of the Ministry of Parliamentary Affairs in 2019?

Ans ✗ 1. Sarbananda Sonowal

✓ 2. Pralhad Venkatesh Joshi

✗ 3. Subrahmanyam Jaishankar

✗ 4. Narayan Rane

Question ID : **7518974106**
Option 1 ID : **75189716424**
Option 2 ID : **75189716421**
Option 3 ID : **75189716423**
Option 4 ID : **75189716422**
Status : **Answered**
Chosen Option : **3**

Q.36 The quadratic equation with real coefficients which has real roots 4 and −5 is:

Ans ✗ 1. $x^2 - 5x - 24 = 0$

✓ 2. $x^2 + x - 20 = 0$

✗ 3. $x^2 - x - 30 = 0$

✗ 4. $x^2 - 4x - 20 = 0$

Question ID : **7518979308**
Option 1 ID : **75189737230**
Option 2 ID : **75189737229**
Option 3 ID : **75189737232**
Option 4 ID : **75189737231**
Status : **Answered**
Chosen Option : **2**

Q.37 The value of $(279 \div 31) + (363 \div 33) - (512 \div 16)$ is:

Ans
✗ 1. 9

✗ 2. −11

✗ 3. 10

✔ 4. −12

Question ID : **7518979200**
Option 1 ID : **75189736798**
Option 2 ID : **75189736799**
Option 3 ID : **75189736800**
Option 4 ID : **75189736797**
Status : **Answered**
Chosen Option : **4**

Q.38 In a certain code language, 'BLISS' is written as 'KSNVT' and 'LIGHT' is written as 'UPLKU'. How will 'WHITE' be written in that language?

Ans
✗ 1. FOMWF

✗ 2. FONVF

✔ 3. FONWF

✗ 4. FONWG

Question ID : **7518977997**
Option 1 ID : **75189731988**
Option 2 ID : **75189731985**
Option 3 ID : **75189731987**
Option 4 ID : **75189731986**
Status : **Answered**
Chosen Option : **3**

Q.39

If

A means 'addition',

B means 'multiplication',

C means 'subtraction' and

D means 'division',

then 40 D 2 A 3 B 8 C 5 = ?

Ans
  ✗ 1. 40

  ✗ 2. 45

  ✔ 3. 39

  ✗ 4. 33

Question ID : **7518978079**
Option 1 ID : **75189732316**
Option 2 ID : **75189732314**
Option 3 ID : **75189732315**
Option 4 ID : **75189732313**
Status : **Answered**
Chosen Option : **3**

Q.40 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 he numbers into its constituent digits. E.g. 12 – Operations on 12 such as adding/ subtracting/multiplying etc. to 12 can be performed. Breaking down 12 into 1 and 2 and then performing mathematical operations on 1 and 2 is not allowed)

(11, 154, 7)
(6, 180, 15)

Ans
  ✗ 1. (23, 46, 2)

  ✔ 2. (3, 90, 15)

  ✗ 3. (25, 375, 5)

  ✗ 4. (5, 20, 60)

Question ID : **7518978318**
Option 1 ID : **75189733269**
Option 2 ID : **75189733272**
Option 3 ID : **75189733270**
Option 4 ID : **75189733271**
Status : **Answered**
Chosen Option : **2**

Q.41 What product(s) is/are transported by the plant transport system from the leaves and roots?

Ans

   ✗ 1. Water only

   ✗ 2. Carbohydrates and minerals

   ✗ 3. Carbohydrates only

   ✔ 4. Energy stores and raw materials

Question ID : **7518977800**
Option 1 ID : **75189731197**
Option 2 ID : **75189731198**
Option 3 ID : **75189731200**
Option 4 ID : **75189731199**
Status : **Answered**
Chosen Option : **1**

Q.42 A person covers certain distance in 8 hours at a speed of 6 km/h and some more distance in 10 hours at a speed of 4 km/h. Find his average speed for the entire distance covered.

Ans

   ✗ 1. $5\frac{8}{9}\ km/h$

   ✗ 2. $3\frac{8}{9}\ km/h$

   ✔ 3. $4\frac{8}{9}\ km/h$

   ✗ 4. $6\frac{8}{9}\ km/h$

Question ID : **7518978695**
Option 1 ID : **75189734778**
Option 2 ID : **75189734780**
Option 3 ID : **75189734779**
Option 4 ID : **75189734777**
Status : **Answered**
Chosen Option : **3**

Q.43 Article 51A of the Constitution of India deals with _____.

Ans

   ✗ 1. panchayats

   ✗ 2. union territories

   ✗ 3. fundamental rights

   ✔ 4. fundamental duties

Question ID : **7518978590**
Option 1 ID : **75189734360**
Option 2 ID : **75189734359**
Option 3 ID : **75189734357**
Option 4 ID : **75189734358**
Status : **Answered**
Chosen Option : **1**

Q.44 The functions of bile juice are mentioned below. Select the option that is NOT the function of bile juice.

Ans ✗ 1. Breaks down large fat globules into smaller ones

✔ 2. Has a protein digesting enzyme that helps in the digestion of proteins

✗ 3. Provides alkaline medium to the food for the action of pancreatic enzymes

✗ 4. Increases the efficiency of the action of pancreatic enzymes

Question ID : **7518974571**
Option 1 ID : **75189718282**
Option 2 ID : **75189718283**
Option 3 ID : **75189718281**
Option 4 ID : **75189718284**
Status : **Not Answered**
Chosen Option : **--**

Q.45 VM 19 is related to SJ 25 in a certain way. In the same way, HN 17 is related to EK 23. To which of the following is SL 15 related following the same logic?

Ans ✗ 1. MQ 24

✗ 2. QI 21

✗ 3. RJ 19

✔ 4. PI 21

Question ID : **7518978287**
Option 1 ID : **75189733148**
Option 2 ID : **75189733145**
Option 3 ID : **75189733146**
Option 4 ID : **75189733147**
Status : **Answered**
Chosen Option : **4**

Q.46 Which of the following interchanges of numbers would make the given equation correct?

$10 \div 6 \times 4 + 14 - 24 = 30$

Ans ✗ 1. 4, 6

✗ 2. 10, 6

✔ 3. 10, 30

✗ 4. 14, 24

Question ID : **7518975108**
Option 1 ID : **75189720430**
Option 2 ID : **75189720429**
Option 3 ID : **75189720432**
Option 4 ID : **75189720431**
Status : **Answered**
Chosen Option : **3**

Q.47 Three pipes A, B and C together can fill a tank in 8 hours. Three pipes were opened for 2 hours, after that C was closed. Later A and B fill the remaining part in 9 hours. The number of hours taken by C alone to fill the tank is:

Ans
✗ 1. 20
✗ 2. 12
✔ 3. 24
✗ 4. 13

Question ID : **7518979268**
Option 1 ID : **75189737071**
Option 2 ID : **75189737069**
Option 3 ID : **75189737072**
Option 4 ID : **75189737070**
Status : **Answered**
Chosen Option : **3**

Q.48 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. H is sitting at any one of the sides and is exactly opposite to C. G is sitting second to the right of H and second to the left of C. E is sitting exactly opposite to G. B is sitting third to the right of H and is exactly opposite to A. Both G and H are the immediate neighbours of D. Which of the following statements is NOT true with reference to F?

Ans
✗ 1. B is sitting to F's second left.

✗ 2. E and C are F's immediate neighbours

✗ 3. F is exactly opposite to D

✔ 4. H is sitting to F's third left

Question ID : **7518977296**
Option 1 ID : **75189729184**
Option 2 ID : **75189729183**
Option 3 ID : **75189729182**
Option 4 ID : **75189729181**
Status : **Answered**
Chosen Option : **4**

Q.49

In which of the following years was the Ministry of Panchayati Raj created?

Ans

✗ 1. 2002

✗ 2. 2003

✗ 3. 2001

✓ 4. 2004

Question ID : **7518973938**
Option 1 ID : **75189715749**
Option 2 ID : **75189715750**
Option 3 ID : **75189715751**
Option 4 ID : **75189715752**
Status : **Not Answered**
Chosen Option : **--**

Q.50 ନିମ୍ନଲିଖିତ କେଉଁ ଉଦ୍ଦେଶ୍ୟ ଜଳଛାୟା ପରିଚାଳନାର ଏକ ଅଂଶ ନୁହେଁ?

Ans

✗ 1. ମରୁଡ଼ି ଓ ବନ୍ୟାକୁ ହ୍ରାସ କରିବା

✓ 2. ବିଦ୍ୟୁତ ଶକ୍ତି ଉତ୍ପାଦନ କରିବା

✗ 3. ନଦୀଗୁଡ଼ିକର ନିମ୍ନାଞ୍ଚଳରେ ଜଳ ସ୍ତରକୁ ପୂର୍ବବତ ରଖିବା

✗ 4. ଭୂତଳ ଜଳର ପୁନଃଉଦ୍ଧାର

Question ID : **7518977880**
Option 1 ID : **75189731518**
Option 2 ID : **75189731520**
Option 3 ID : **75189731519**
Option 4 ID : **75189731517**
Status : **Answered**
Chosen Option : **1**

Q.51 The average weight of all children in a group is 45 kg. If 10 children of average weight 42 kg leave the group and 2 children of average weight 55 kg join the group, then the average weight of the children in the group increases by $1\frac{1}{4}$ kg. The number of children in the group initially was:

Ans ✔ 1. 48

✘ 2. 38

✘ 3. 52

✘ 4. 42

Question ID : **7518978407**
Option 1 ID : **75189733627**
Option 2 ID : **75189733625**
Option 3 ID : **75189733628**
Option 4 ID : **75189733626**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.52

In which of the following years was the Shri Jagannath Temple Act passed?

Ans

✔ 1. 1955

✘ 2. 1945

✘ 3. 1935

✘ 4. 1965

Question ID : **7518973831**
Option 1 ID : **75189715323**
Option 2 ID : **75189715322**
Option 3 ID : **75189715324**
Option 4 ID : **75189715321**
Status : **Not Answered**
Chosen Option : **--**

Q.53 The cost price of an article is ₹5,000. What should the selling price of the article be so that a profit of 25% is earned?

Ans
✔ 1. ₹6,250
✘ 2. ₹7,250
✘ 3. ₹5,250
✘ 4. ₹8,250

Question ID : **7518978684**
Option 1 ID : **75189734735**
Option 2 ID : **75189734734**
Option 3 ID : **75189734736**
Option 4 ID : **75189734733**
Status : **Answered**
Chosen Option : **1**

Q.54 Which of the following statements is correct?

Ans
✘ 1. For every protein, there is a specific RNA.
✔ 2. For every protein, there is a specific gene.
✘ 3. For every hormone, there is a specific chromosome.
✘ 4. For every hormone, there is a specific protein.

Question ID : **7518974445**
Option 1 ID : **75189717779**
Option 2 ID : **75189717780**
Option 3 ID : **75189717778**
Option 4 ID : **75189717777**
Status : **Answered**
Chosen Option : **4**

Q.55 Under perfect competition, a firm earns _____ profits in the long run.

Ans
✘ 1. super normal
✔ 2. normal
✘ 3. zero
✘ 4. negative

Question ID : **7518976823**
Option 1 ID : **75189727291**
Option 2 ID : **75189727290**
Option 3 ID : **75189727289**
Option 4 ID : **75189727292**
Status : **Answered**
Chosen Option : **2**

Q.56 Given below is a statement followed by two possible underlying assumptions I and II. Read the information carefully and select the correct option.

Statement:
Research has suggested that regular physical activity not only reduces the chances of physical illness but also of mental illnesses.
Which of the following can be assumed by the given statement?
I. The medicines for mental illness would work faster if the patient also exercises daily.
II. Patients who are bedridden have a greater chance of developing some mental illness as compared to those who are not bedridden.

Ans
✗ 1. Neither I nor II can be assumed

✗ 2. Both I and II can be assumed

✗ 3. Only I can be assumed

✓ 4. Only II can be assumed

Question ID : **7518979081**
Option 1 ID : **75189736324**
Option 2 ID : **75189736323**
Option 3 ID : **75189736321**
Option 4 ID : **75189736322**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.57 The hydrocarbons which have a double bond between two carbon atoms are called:

Ans
✗ 1. inorganic compounds

✓ 2. unsaturated compounds

✗ 3. natural compounds

✗ 4. saturated compounds

Question ID : **7518973396**
Option 1 ID : **75189713584**
Option 2 ID : **75189713582**
Option 3 ID : **75189713583**
Option 4 ID : **75189713581**
Status : **Answered**
Chosen Option : **2**

Q.58 The cost of a washing machine is 40% less than the cost of a TV. If the cost of the washing machine increases by 18% and that of the TV decreases by 10%, then what is the change in the total cost of 5 washing machines and 2 TVs?

Ans
❌ 1. Decreases by 6.5%

❌ 2. Decreases by 6.4%

❌ 3. Increases by 6.5%

✅ 4. Increases by 6.8%

Question ID : **7518978358**
Option 1 ID : **75189733429**
Option 2 ID : **75189733431**
Option 3 ID : **75189733430**
Option 4 ID : **75189733432**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.59 In which of the following locations is the Brahmaputra river known as Tsang Po?

Ans
❌ 1. Pakistan

✅ 2. Tibet

❌ 3. Bangladesh

❌ 4. Nepal

Question ID : **7518979431**
Option 1 ID : **75189737724**
Option 2 ID : **75189737721**
Option 3 ID : **75189737722**
Option 4 ID : **75189737723**
Status : **Answered**
Chosen Option : **2**

Q.60 The Karve Committee, which was constituted in the year 1955, dealt with:

Ans
❌ 1. railways

❌ 2. insurance regulation

✅ 3. small scale industries

❌ 4. foreign trade

Question ID : **7518979419**
Option 1 ID : **75189737676**
Option 2 ID : **75189737674**
Option 3 ID : **75189737673**
Option 4 ID : **75189737675**
Status : **Not Answered**
Chosen Option : **--**

Q.61 In India, the western cyclonic disturbances are weather phenomena of the winter months brought in by the westerly flow from the _____.

Ans

✗ 1. Arabian Sea region

✗ 2. Pacific Ocean region

✗ 3. Bay of Bengal region

✔ 4. Mediterranean region

Question ID : **7518978904**
Option 1 ID : **75189735613**
Option 2 ID : **75189735616**
Option 3 ID : **75189735614**
Option 4 ID : **75189735615**
Status : **Answered**
Chosen Option : **1**

Q.62 Simplify $(4x - 5y)^2 + (5x + 4y)^2 + (4x + 5y)(4x - 5y)$.

Ans

✔ 1. $57x^2 + 16y^2$

✗ 2. $-57x^2 - 16y^2$

✗ 3. $-58x^2 + 16y^2$

✗ 4. $58x^2 + 16y^2$

Question ID : **7518978731**
Option 1 ID : **75189734921**
Option 2 ID : **75189734923**
Option 3 ID : **75189734922**
Option 4 ID : **75189734924**
Status : **Answered**
Chosen Option : **1**

Q.63 Refer to the following letter series and answer the question that follows.

S S G Y U N G T R F C E D A W X C V U N J O K L E C D

How many such vowels are there each of which is immediately preceded by a consonant and also immediately followed by a consonant?

Ans

✔ 1. 6

✗ 2. 5

✗ 3. 8

✗ 4. 3

Question ID : **7518977976**
Option 1 ID : **75189731903**
Option 2 ID : **75189731902**
Option 3 ID : **75189731904**
Option 4 ID : **75189731901**
Status : **Answered**
Chosen Option : **2**

Q.64 Three statements are given followed by three conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. All bags are books.

2. All books are copies.

3. No pen is a copy.

Conclusions:

(I) Some books are pens.

(II) No bag is a pen.

(III) Some copies are bags.

Ans ✗ 1. Only conclusion III follows.

✓ 2. Only conclusions II and III follow.

✗ 3. Only conclusion II follows.

✗ 4. None of the conclusions follow.

Question ID : **7518979718**
Option 1 ID : **75189738869**
Option 2 ID : **75189738871**
Option 3 ID : **75189738870**
Option 4 ID : **75189738872**
Status : **Answered**
Chosen Option : **2**

Q.65 Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

N L A _ X N _ B F _ N L _ F _ N L _ _ X

Ans ✗ 1. F L C C X A F

✗ 2. F L X N X D C

✓ 3. F L X C X D F

✗ 4. F N X C X C F

Question ID : **7518975220**
Option 1 ID : **75189720880**
Option 2 ID : **75189720879**
Option 3 ID : **75189720877**
Option 4 ID : **75189720878**
Status : **Answered**
Chosen Option : **3**

Q.66 If '+' means '÷', '−' means '+', '×' means '−' and '÷' means '×', then, what will be the value of the following expression?

$$[[(35 \times 26) - (4 \div 3)] + (3 - 4)] \div 5$$

Ans ✗ 1. 18

✓ 2. 15

✗ 3. 10

✗ 4. 20

Question ID : **7518977756**
Option 1 ID : **75189731021**
Option 2 ID : **75189731023**
Option 3 ID : **75189731022**
Option 4 ID : **75189731024**
Status : **Answered**
Chosen Option : **2**

Q.67 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:
1. Some parks are libraries.
2. Some banks are libraries.
3. All schools are banks.
Conclusions:
I-Some banks are schools.
II-Some parks are banks.

Ans ✗ 1. Only conclusion II follows.

✗ 2. Neither conclusion I nor II follows.

✗ 3. Both conclusions I and II follow.

✓ 4. Only conclusion I follows.

Question ID : **7518979070**
Option 1 ID : **75189736278**
Option 2 ID : **75189736280**
Option 3 ID : **75189736279**
Option 4 ID : **75189736277**
Status : **Answered**
Chosen Option : **4**

Q.68 As per the rule change in IPL 2022 duration of strategic time out changed from 2:30 minutes to _____ minutes

Ans ✓ 1. 3

✗ 2. 4:30

✗ 3. 3:30

✗ 4. 4

Question ID : **7518977146**
Option 1 ID : **75189728581**
Option 2 ID : **75189728584**
Option 3 ID : **75189728582**
Option 4 ID : **75189728583**
Status : **Not Answered**
Chosen Option : **--**

Q.69 Suman invested a sum of ₹20,000 at 10% per annum compound interest. If she received an amount of ₹ 26,620 after n years, the value of n is:

Ans

✖ 1. 2.8 years

✖ 2. 2.5 years

✔ 3. 3 years

✖ 4. 2 years

Question ID : **7518979242**
Option 1 ID : **75189736966**
Option 2 ID : **75189736967**
Option 3 ID : **75189736965**
Option 4 ID : **75189736968**
Status : **Answered**
Chosen Option : **3**

Q.70 Study the given table and answer the question that follows.

The table presents the cost price and profit percentage of various products being sold by an electronic superstore.

Products	2021	
	Cost Price (in thousands)	Profit Percentage
Refrigerators	48	22
Air Conditioners	39	17
Washing Machines	13	12
Televisions	59	23
Music Systems	65	18

If the cost price of all the products increased by 10% in the next year and profit percentage remained the same, which of the following products will record maximum increase in the sales price?

Ans

✖ 1. Televisions

✖ 2. Air conditioners

✖ 3. Refrigerators

✔ 4. Music systems

Question ID : **7518978100**
Option 1 ID : **75189732399**
Option 2 ID : **75189732397**
Option 3 ID : **75189732398**
Option 4 ID : **75189732400**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.71 The listed price of an article is ₹200. A customer purchases it at ₹150 after two successive discounts. If one discount is 10%, then the other discount percentage (rounded off to two decimal places) is:

Ans ✗ 1. 12.5%

✗ 2. 11.11%

✓ 3. 16.66%

✗ 4. 20%

Question ID : **7518979254**
Option 1 ID : **75189737013**
Option 2 ID : **75189737014**
Option 3 ID : **75189737015**
Option 4 ID : **75189737016**
Status : **Answered**
Chosen Option : **3**

Q.72 An object is placed in front of a convex mirror of focal length 9 cm, at a distance of 18 cm. The magnification produced by the mirror is _____.

Ans ✗ 1. -1

✗ 2. 1

✓ 3. $\dfrac{1}{3}$

✗ 4. $-\dfrac{1}{3}$

Question ID : **7518976608**
Option 1 ID : **75189726432**
Option 2 ID : **75189726431**
Option 3 ID : **75189726430**
Option 4 ID : **75189726429**
Status : **Not Answered**
Chosen Option : **--**

Q.73 The value of $(\operatorname{cosec} x + \cot x + 1)(\sec x - \tan x - 1)$ is:

Ans ✓ 1. -2

✗ 2. -1

✗ 3. 0

✗ 4. 1

Question ID : **7518979347**
Option 1 ID : **75189737388**
Option 2 ID : **75189737385**
Option 3 ID : **75189737386**
Option 4 ID : **75189737387**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.74 From the options given below, select the organism having a three-chambered heart.

Ans

✗ 1. Tiger

✗ 2. Pigeon

✗ 3. Fish

✔ 4. Salamander

Question ID : **7518974398**
Option 1 ID : **75189717592**
Option 2 ID : **75189717590**
Option 3 ID : **75189717591**
Option 4 ID : **75189717589**
Status : **Answered**
Chosen Option : **4**

Q.75 Select the number from among the given options that can replace the question mark (?) in the following series.

154, 134, 116, ?, 86, 74, 64, 56

Ans

✔ 1. 100

✗ 2. 101

✗ 3. 96

✗ 4. 98

Question ID : **7518978041**
Option 1 ID : **75189732161**
Option 2 ID : **75189732162**
Option 3 ID : **75189732164**
Option 4 ID : **75189732163**
Status : **Answered**
Chosen Option : **1**

Q.76 Which of the following is NOT a natural indicator for acids or bases?

Ans

✔ 1. Methyl orange

✗ 2. Coloured petals of Petunia

✗ 3. Coloured petals of Hydrangea

✗ 4. Turmeric

Question ID : **7518979634**
Option 1 ID : **75189738533**
Option 2 ID : **75189738536**
Option 3 ID : **75189738535**
Option 4 ID : **75189738534**
Status : **Answered**
Chosen Option : **3**

Q.77 It is found that during dispersion of white light by a glass prism, the more a colour component is bent, the more is the refractive index of the glass for that colour component. If μ_R, μ_V and μ_Y are refractive indices for red, violet and yellow lights, respectively, then which of the following relations between them is correct?

Ans ✗ 1. $\mu_Y > \mu_R > \mu_V$

✗ 2. $\mu_R > \mu_V > \mu_Y$

✗ 3. $\mu_R = \mu_V = \mu_Y$

✓ 4. $\mu_V > \mu_Y > \mu_R$

Question ID : **7518976650**
Option 1 ID : **75189726599**
Option 2 ID : **75189726597**
Option 3 ID : **75189726600**
Option 4 ID : **75189726598**
Status : **Marked For Review**
Chosen Option : **4**

Q.78 The HCF of the numbers 310, 208 and 180 is:

Ans ✗ 1. 8

✓ 2. 2

✗ 3. 6

✗ 4. 4

Question ID : **7518978645**
Option 1 ID : **75189734580**
Option 2 ID : **75189734577**
Option 3 ID : **75189734579**
Option 4 ID : **75189734578**
Status : **Answered**
Chosen Option : **4**

Q.79 What is the measure of each interior angle of a regular polygon with 10 sides?

Ans ✗ 1. 180°

✗ 2. 174°

✗ 3. 156°

✓ 4. 144°

Question ID : **7518979335**
Option 1 ID : **75189737339**
Option 2 ID : **75189737340**
Option 3 ID : **75189737338**
Option 4 ID : **75189737337**
Status : **Answered**
Chosen Option : **4**

Q.80 Rohan lives in a seven-storeyed building. The top floor of the building is numbered as seven and the lowermost floor is numbered as one. Diya who is Rohan's friend lives somewhere above the floor where Rohan lives. Every Sunday Rohan goes two floors below to his colleague Atul's flat to eat and drink together. If there are three floors between Rohan's and Diya's floor, on which floor does Rohan live?

Ans ✔ 1. Third floor

✘ 2. First floor

✘ 3. Second floor

✘ 4. Fourth floor

Question ID : **7518977898**
Option 1 ID : **75189731591**
Option 2 ID : **75189731589**
Option 3 ID : **75189731590**
Option 4 ID : **75189731592**
Status : **Not Answered**
Chosen Option : **--**

Q.81 Find the surface area of a sphere of radius 3.5 cm.

Ans ✔ 1. 154 cm^2

✘ 2. 210 cm^2

✘ 3. 142 cm^2

✘ 4. 120 cm^2

Question ID : **7518975753**
Option 1 ID : **75189723011**
Option 2 ID : **75189723009**
Option 3 ID : **75189723010**
Option 4 ID : **75189723012**
Status : **Answered**
Chosen Option : **1**

Q.82 Which of the following characteristics of the pea plant was NOT used by Mendel in his experiments?

Ans ✔ 1. Shape of leaves

✘ 2. Shape of seeds

✘ 3. Length of pea plant

✘ 4. Colour of flowers

Question ID : **7518974436**
Option 1 ID : **75189717744**
Option 2 ID : **75189717741**
Option 3 ID : **75189717743**
Option 4 ID : **75189717742**
Status : **Answered**
Chosen Option : **3**

Q.83 Read the given statements and conclusions carefully and decide which of the given conclusions logically follow the statements.

Statements:

1) $G \geq M$

2) $O < K$

3) $K < H$

4) $F = Q$

5) $M < O$

6) $F > H$

Conclusions:

I. $G < F$

II. $Q > M$

III. $O > Q$

IV. $M < Q$

Ans ✗ 1. Conclusions I and II follow

✗ 2. Conclusions I and IV follow

✓ 3. Conclusions II and IV follow

✗ 4. Conclusions II and III follow

Question ID : **7518977941**
Option 1 ID : **75189731764**
Option 2 ID : **75189731763**
Option 3 ID : **75189731762**
Option 4 ID : **75189731761**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.84

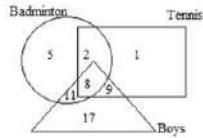If $\sqrt{\left(1 - \dfrac{99}{2500}\right)} = \dfrac{49}{\sqrt{x}}$, then the value of x is:

Ans ✗ 1. 49

✓ 2. 2500

✗ 3. 2401

✗ 4. 50

Question ID : **7518979205**
Option 1 ID : **75189736820**
Option 2 ID : **75189736817**
Option 3 ID : **75189736819**
Option 4 ID : **75189736818**
Status : **Answered**
Chosen Option : **2**

Q.85 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.

How many such boys are there who play badminton but NOT tennis?

Ans

❌ 1. 17

❌ 2. 8

❌ 3. 9

✅ 4. 11

Question ID : **7518979724**
Option 1 ID : **75189738894**
Option 2 ID : **75189738895**
Option 3 ID : **75189738896**
Option 4 ID : **75189738893**
Status : **Answered**
Chosen Option : **4**

Q.86 Wires of copper, silver, nichrome and glass are made having similar length and diameter. Which will have the highest resistance?

Ans

✅ 1. Glass

❌ 2. Nichrome

❌ 3. Copper

❌ 4. Silver

Question ID : **7518978134**
Option 1 ID : **75189732535**
Option 2 ID : **75189732536**
Option 3 ID : **75189732533**
Option 4 ID : **75189732534**
Status : **Answered**
Chosen Option : **1**

Q.87 Which of the following is the largest coal field in India?

Ans

❌ 1. Bokaro Coal Fields

✅ 2. Jharia Coal Fields

❌ 3. Karanpura Coal Fields

❌ 4. Raniganj Coal Fields

Question ID : **7518979427**
Option 1 ID : **75189737707**
Option 2 ID : **75189737705**
Option 3 ID : **75189737708**
Option 4 ID : **75189737706**
Status : **Answered**
Chosen Option : **4**

Q.88 The Kharchi Pooja festival is widely celebrated in the state of _____.

Ans ✔ 1. Tripura

✘ 2. Gujarat

✘ 3. Telangana

✘ 4. Uttarakhand

Question ID : **7518978853**
Option 1 ID : **75189735410**
Option 2 ID : **75189735412**
Option 3 ID : **75189735409**
Option 4 ID : **75189735411**
Status : **Not Answered**
Chosen Option : **--**

Q.89 Select the number from among the given options that can replace the question mark (?) in the following series.

4, 9, 16, 29, 50, ?

Ans ✔ 1. 85

✘ 2. 71

✘ 3. 78

✘ 4. 73

Question ID : **7518979040**
Option 1 ID : **75189736160**
Option 2 ID : **75189736157**
Option 3 ID : **75189736159**
Option 4 ID : **75189736158**
Status : **Answered**
Chosen Option : **1**

Q.90 Eight girls, A, B, C, D, E, F, G and H, are seated around a square table, facing the centre. A sits 2nd to the right of B. F sits 2nd to the right of E, who sits fourth to the left of H. G sits between A and B. D sits to the immediate left of H, who is to the immediate left of B. Only one person sits between C and D. Who is fourth to the right of G?

Ans ✔ 1. F

✘ 2. D

✘ 3. B

✘ 4. C

Question ID : **7518978949**
Option 1 ID : **75189735795**
Option 2 ID : **75189735794**
Option 3 ID : **75189735793**
Option 4 ID : **75189735796**
Status : **Answered**
Chosen Option : **1**

Q.91 As of July 2022, who among the following is the CEO of HelpAge India that works for 'the cause and care of disadvantaged older persons to improve their quality of life'?

Ans
  ✗ 1.   Deepak Kumar

  ✗ 2.   Ravi Venkatesan

  ✓ 3.   Rohit Prasad

  ✗ 4.   Madhav Chavan

Question ID : **7518976550**
Option 1 ID : **75189726197**
Option 2 ID : **75189726199**
Option 3 ID : **75189726198**
Option 4 ID : **75189726200**
Status : **Not Answered**
Chosen Option : **--**

Q.92 To combat eve teasing, sexual harassment and other crimes against women, 91 Nirbhaya Squads comprising of specially trained police officers were launched in _____ on 26 January 2022.

Ans
  ✗ 1.   Chennai

  ✗ 2.   Delhi

  ✓ 3.   Mumbai

  ✗ 4.   Bengaluru

Question ID : **7518978508**
Option 1 ID : **75189734032**
Option 2 ID : **75189734029**
Option 3 ID : **75189734030**
Option 4 ID : **75189734031**
Status : **Not Answered**
Chosen Option : **--**

Q.93 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 /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)

(3, 6, 18)

(15, 30, 450)

Ans
  ✗ 1.   (11, 22, 44)

  ✗ 2.   (9, 18, 166)

  ✗ 3.   (6, 12, 64)

  ✓ 4.   (1, 2, 2)

Question ID : **7518978062**
Option 1 ID : **75189732248**
Option 2 ID : **75189732246**
Option 3 ID : **75189732245**
Option 4 ID : **75189732247**
Status : **Answered**
Chosen Option : **4**

Q.94 Generally, the value of MPC (Marginal Propensity to Consume) _____.

Ans ✗ 1. varies between (–)1 and (–)2

✔ 2. does not exceed 1 or fall below 0

✗ 3. varies between 1 and 2

✗ 4. remains constant at (–)1

Question ID : **7518978545**
Option 1 ID : **75189734179**
Option 2 ID : **75189734177**
Option 3 ID : **75189734180**
Option 4 ID : **75189734178**
Status : **Not Answered**
Chosen Option : **--**

Q.95 Induced current is maximum when _____.

Ans ✗ 1.
coil is kept in the direction perpendicular to the magnetic field

✗ 2.
direction of motion of the coil is parallel to the magnetic field

✔ 3.
direction of motion of the coil is perpendicular to the magnetic field

✗ 4. coil is kept in the direction parallel to the magnetic field

Question ID : **7518979586**
Option 1 ID : **75189738342**
Option 2 ID : **75189738343**
Option 3 ID : **75189738344**
Option 4 ID : **75189738341**
Status : **Not Answered**
Chosen Option : **--**

Q.96 Which of the following statements is true about the nature of roots for the equation

$x(x + 3) - 8 = 2(x + 3)(x - 3)$?

Ans ✗ 1. Roots are irrational

✗ 2. Two imaginary or non-real roots

✔ 3. Two real and distinct roots

✗ 4. Roots are real and equal

Question ID : **7518979314**
Option 1 ID : **75189737254**
Option 2 ID : **75189737256**
Option 3 ID : **75189737255**
Option 4 ID : **75189737253**
Status : **Not Answered**
Chosen Option : **--**

Q.97 When a substance combines with O_2, it gets:

Ans ✗ 1. back its shine

✗ 2. Reduced

✓ 3. oxidised

✗ 4. dissolved in air

Question ID : **7518979632**
Option 1 ID : **75189738528**
Option 2 ID : **75189738526**
Option 3 ID : **75189738527**
Option 4 ID : **75189738525**
Status : **Answered**
Chosen Option : **3**

Q.98 In a certain code language, 'JUPITER' is written as 'KSSEYYY' and 'URANUS' is written as 'VPDJZM'. How will 'EARTH' be written in the same code language?

Ans ✗ 1. FYUXM

✗ 2. FCUPM

✓ 3. FYUPM

✗ 4. FYOPM

Question ID : **7518979756**
Option 1 ID : **75189739022**
Option 2 ID : **75189739021**
Option 3 ID : **75189739023**
Option 4 ID : **75189739024**
Status : **Answered**
Chosen Option : **3**

Q.99 What is the mean of the following distribution?

Marks	10	30	50	70	90
Number of students	17	28	32	24	19

Ans ✗ 1. 51

✗ 2. 49.2

✓ 3. 50

✗ 4. 52.4

Question ID : **7518978415**
Option 1 ID : **75189733659**
Option 2 ID : **75189733657**
Option 3 ID : **75189733658**
Option 4 ID : **75189733660**
Status : **Answered**
Chosen Option : **3**

Q.100 Refer to the following letter, number, symbol series and answer the question.

(Left) N & 2 G 9 S P T B 4 @ H # 1 8 S B A 3 P (Right)

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

Ans   ✗ 1. B

   ✗ 2. #

   ✗ 3. H

   ✓ 4. @

Question ID : **7518979157**
Option 1 ID : **75189736626**
Option 2 ID : **75189736628**
Option 3 ID : **75189736625**
Option 4 ID : **75189736627**
Status : **Answered**
Chosen Option : **4**

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