



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 Anantapur |
| Test Date        | 23/08/2022                     |
| 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.

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** A cyclist covers a distance of 2.5 km in 4 minutes 10 seconds. How long will he take to cover a distance of 6 km at the same speed?

- Ans**
- ☒ 1. 12 minutes
  - ☒ 2. 11 minutes
  - ☒ 3. 10 minutes
  - ☒ 4. 9 minutes

Question ID : 7518976290  
Option 1 ID : 75189725160  
Option 2 ID : 75189725157  
Option 3 ID : 75189725158  
Option 4 ID : 75189725159

Status : Answered

Chosen Option : 3

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**Q.2** Study the given table and answer the question that follows.

The table shows value of Indian exports across different goods for different years.

| Year             | 2021                 | 2020 | 2019 | 2018 | 2017 | 2016 |
|------------------|----------------------|------|------|------|------|------|
| Items            | (Amount in ₹ Crores) |      |      |      |      |      |
| Fruits           | 85                   | 75   | 70   | 61   | 35   | 30   |
| Pulses           | 35                   | 20   | 35   | 60   | 70   | 40   |
| IT products      | 200                  | 160  | 100  | 120  | 90   | 85   |
| Defence products | 120                  | 80   | 110  | 85   | 60   | 40   |
| Dairy products   | 60                   | 62   | 68   | 72   | 40   | 30   |

What is the yearly average exports(combined) of fruits, IT products and defence products for 2018 to 2020?

- Ans
- ☒ 1. ₹282 crores
  - ☒ 2. ₹165 crores
  - ☒ 3. ₹280 crores
  - ☒ 4. ₹287 crores

Question ID : 7518974890  
 Option 1 ID : 75189719558  
 Option 2 ID : 75189719559  
 Option 3 ID : 75189719557  
 Option 4 ID : 75189719560

Status : Answered

Chosen Option : 4

**Q.3** In a certain code language, TOUGH is written as 20152178 and PLEAD is written as 1612514. How will CLOVE be written in the same language?

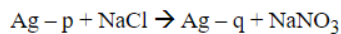
- Ans
- ☒ 1. 31115215
  - ☒ 2. 31215225
  - ☒ 3. 31215324
  - ☒ 4. 31315235

Question ID : 7518975242  
 Option 1 ID : 75189720968  
 Option 2 ID : 75189720965  
 Option 3 ID : 75189720967  
 Option 4 ID : 75189720966

Status : Answered

Chosen Option : 2

**Q.4** What will come in place of p and q, respectively, in the given double displacement reaction?



**Ans** ✓ 1.  $\text{NO}_3$  and Cl

✗ 2. Cl and  $\text{NO}_3$

✗ 3.  $\text{NO}_3$  and  $\text{NO}_3$

✗ 4. Cl and Cl

Question ID : 7518973439

Option 1 ID : 75189713756

Option 2 ID : 75189713754

Option 3 ID : 75189713753

Option 4 ID : 75189713755

Status : Answered

Chosen Option : 1

**Q.5** In February 2022, India became the first country in the world to play \_\_\_\_\_ One Day International cricket matches.

**Ans** ✗ 1. 800

✗ 2. 1100

✓ 3. 1000

✗ 4. 900

Question ID : 7518976459

Option 1 ID : 75189725836

Option 2 ID : 75189725833

Option 3 ID : 75189725834

Option 4 ID : 75189725835

Status : Answered

Chosen Option : 3

**Q.6** 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.

C \_ P R \_ D T \_ R N \_ T \_ R N \_ T P \_ N

**Ans** ✓ 1. TNPEPFR

✗ 2. TPNDPFR

✗ 3. TNTEPFP

✗ 4. PNPERFP

Question ID : 7518975218

Option 1 ID : 75189720872

Option 2 ID : 75189720870

Option 3 ID : 75189720871

Option 4 ID : 75189720869

Status : Answered

Chosen Option : 1

**Q.7** 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.

TOP : VRU

XOR : ZRW

- Ans**
- ☒ 1. QIP : SLV
  - ☒ 2. NET : PGY
  - ☒ 3. NOR : PRW
  - ☒ 4. TOM : VRQ

Question ID : 7518975058  
Option 1 ID : 75189720230  
Option 2 ID : 75189720229  
Option 3 ID : 75189720232  
Option 4 ID : 75189720231  
Status : Answered  
Chosen Option : 3

**Q.8** The Union Budget 2022-23 has proposed to reduce the surcharge of cooperative societies from \_\_\_\_\_ to 7% for those whose income is between ₹1 crore and ₹10 crore.

- Ans**
- ☒ 1. 11%
  - ☒ 2. 10%
  - ☒ 3. 12%
  - ☒ 4. 9%

Question ID : 7518973861  
Option 1 ID : 75189715443  
Option 2 ID : 75189715442  
Option 3 ID : 75189715444  
Option 4 ID : 75189715441  
Status : Not Answered  
Chosen Option : --

**Q.9** Which of the following materials is preferably used in making heating elements of electrical heating devices?

- Ans**
- ☒ 1. Tungsten
  - ☒ 2. Tin-lead alloy
  - ☒ 3. Constantan
  - ☒ 4. Nichrome

Question ID : 7518975484  
Option 1 ID : 75189721936  
Option 2 ID : 75189721935  
Option 3 ID : 75189721934  
Option 4 ID : 75189721933  
Status : Answered  
Chosen Option : 4

**Q.10** 4 people A, B, C and D are sitting in a straight line, facing north. A and C are not sitting adjacent to each other, while C and B are sitting adjacent to each other. Which of the following sitting arrangements is NOT possible?

- Ans**
- ☒ 1. CBAD
  - ☒ 2. DABC
  - ☒ 3. BCAD
  - ☒ 4. ABCD

Question ID : 7518974714  
Option 1 ID : 75189718855  
Option 2 ID : 75189718853  
Option 3 ID : 75189718856  
Option 4 ID : 75189718854  
Status : Answered  
Chosen Option : 3

**Q.11** Which of the following home appliances does NOT use an electric motor?

- Ans**
- ☒ 1. Electric washing machine
  - ☒ 2. Electric mixer
  - ☒ 3. Electric iron
  - ☒ 4. Electric fan

Question ID : 7518975528  
Option 1 ID : 75189722111  
Option 2 ID : 75189722110  
Option 3 ID : 75189722112  
Option 4 ID : 75189722109  
Status : Answered  
Chosen Option : 3

**Q.12** Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All sketches are cards.

All cards are posters.

Some sketches are folders.

**Conclusions:**

I. Some folders are posters.

II. Some cards are folders.

- Ans**
- ☒ 1. Only conclusion II follows
  - ☒ 2. Only conclusion I follows
  - ☒ 3. Either conclusion I or II follows
  - ☒ 4. Both conclusions I and II follow

Question ID : 7518975168  
Option 1 ID : 75189720670  
Option 2 ID : 75189720669  
Option 3 ID : 75189720672  
Option 4 ID : 75189720671  
Status : Answered  
Chosen Option : 4

Q.13 The value of  $\sqrt{144} + \sqrt{0.0169} - \sqrt{4.41} =$

- Ans
- ☒ 1. 15.4
  - ☒ 2. 10.03
  - ☒ 3. 14.23
  - ☒ 4. 11.2

Question ID : 7518975565  
Option 1 ID : 75189722259  
Option 2 ID : 75189722257  
Option 3 ID : 75189722258  
Option 4 ID : 75189722260  
Status : Answered  
Chosen Option : 3

Q.14 Two resistors of  $4\ \Omega$  each are connected in parallel to a 5 V battery source. The total current in the circuit is:

- Ans
- ☒ 1. 5 A
  - ☒ 2. 20 A
  - ☒ 3. 10 A
  - ☒ 4. 2.5 A

Question ID : 7518975453  
Option 1 ID : 75189721810  
Option 2 ID : 75189721812  
Option 3 ID : 75189721811  
Option 4 ID : 75189721809  
Status : Answered  
Chosen Option : 4

Q.15 The average of thirteen consecutive integers is 36. If two times the smallest of these 13 integers is added to the largest of these 13 integers, what will be the sum obtained?

- Ans
- ☒ 1. 115
  - ☒ 2. 121
  - ☒ 3. 102
  - ☒ 4. 110

Question ID : 7518976304  
Option 1 ID : 75189725214  
Option 2 ID : 75189725213  
Option 3 ID : 75189725216  
Option 4 ID : 75189725215  
Status : Answered  
Chosen Option : 3

Q.16 Which of the following numbers will replace the question mark (?) in the given series?

13, 27, 56, 115, 234, ?

- Ans
- ☐ 1. 346
  - ☐ 2. 332
  - ☐ 3. 482
  - ☒ 4. 473

Question ID : 7518975283  
Option 1 ID : 75189721130  
Option 2 ID : 75189721129  
Option 3 ID : 75189721132  
Option 4 ID : 75189721131  
Status : Answered  
Chosen Option : 4

Q.17 Consider the statements below and identify the correct answer.

Statement-I: Modern periodic table has 18 vertical columns known as groups.

Statement-II: Modern periodic table has 7 horizontal rows known as periods.

- Ans
- ☒ 1. Both statements are correct.
  - ☐ 2. Both statements are incorrect.
  - ☐ 3. Statement I is correct, Statement II is incorrect.
  - ☐ 4. Statement II is correct, Statement I is incorrect.

Question ID : 7518973718  
Option 1 ID : 75189714871  
Option 2 ID : 75189714872  
Option 3 ID : 75189714869  
Option 4 ID : 75189714870  
Status : Answered  
Chosen Option : 1

Q.18 From which state of India did ISRO successfully test fire the Vikas engine, that would power India's first human-carrying rocket Gaganyaan?

- Ans
- ☐ 1. Punjab
  - ☒ 2. Tamil Nadu
  - ☐ 3. Haryana
  - ☐ 4. Rajasthan

Question ID : 7518973764  
Option 1 ID : 75189715054  
Option 2 ID : 75189715053  
Option 3 ID : 75189715055  
Option 4 ID : 75189715056  
Status : Answered  
Chosen Option : 4

Q.19 If  $x^2 + xy + x = 18$  and  $y^2 + xy + y = 24$ , then the value of  $x + y$  is:

- Ans
- ☐ 1.  $-5$  or  $6$
  - ☐ 2.  $5$  or  $-6$
  - ☒ 3.  $6$  or  $-7$
  - ☐ 4.  $-6$  or  $7$

Question ID : 7518976346

Option 1 ID : 75189725383

Option 2 ID : 75189725381

Option 3 ID : 75189725382

Option 4 ID : 75189725384

Status : Answered

Chosen Option : 3

Q.20 Four houses, A, B, C and D, are located in the same colony. House A is 300 m to the north of House D. House C is 400 m to the east of House B. House A is 300 m to the south of House B. In which direction is House D with reference to House B?

- Ans
- ☐ 1. West
  - ☐ 2. North
  - ☒ 3. South
  - ☐ 4. East

Question ID : 7518975259

Option 1 ID : 75189721034

Option 2 ID : 75189721035

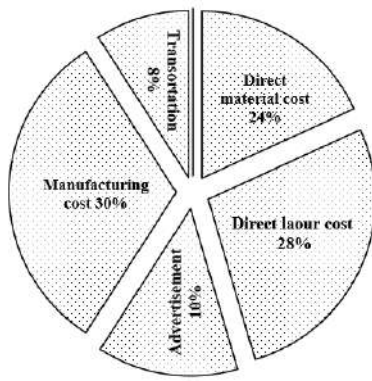
Option 3 ID : 75189721036

Option 4 ID : 75189721033

Status : Answered

Chosen Option : 3

**Q.21** The following pie chart shows the percentage distribution of the expenditure incurred in manufacturing a power bank.  
Study the pie chart and answer the question.



If 100 power banks are manufactured and the manufacturing cost on them amounts to ₹50,000, then what should be the selling price of the power banks so that the manufacturer can earn a profit of 50%?

- Ans**
- ☒ 1. ₹2400
  - ☒ 2. ₹2500
  - ☒ 3. ₹2200
  - ☒ 4. ₹3000

Question ID : 7518975124  
Option 1 ID : 75189720494  
Option 2 ID : 75189720496  
Option 3 ID : 75189720495  
Option 4 ID : 75189720493

Status : Answered

Chosen Option : 2

**Q.22** Given below are some conclusions of Mendel's work on pea plants. All of them are correct except one. Select the INCORRECT conclusion.

- Ans**
- ☒ 1. Genes are inherited as distinct units.
  - ☒ 2.

Segregation of genes takes place during formation of gametes.

- ☒ 3. Each gamete has two copies of the same gene.
- ☒ 4. Genes come in pairs.

Question ID : 7518974640  
Option 1 ID : 75189718558  
Option 2 ID : 75189718559  
Option 3 ID : 75189718560  
Option 4 ID : 75189718557

Status : Answered

Chosen Option : 3

**Q.23** In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement:  $C \leq F < E = D > G \geq H < I$

Conclusions:

I.  $D > C$

II.  $E < H$

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

Question ID : 7518974964  
Option 1 ID : 75189719856  
Option 2 ID : 75189719854  
Option 3 ID : 75189719853  
Option 4 ID : 75189719855  
Status : Answered  
Chosen Option : 1

**Q.24** What is the main reason for the pollution of River Ganga by coliform bacteria?

- Ans
- ☒ 1. Immersion of unburnt corpses
  - ☒ 2. Chemical effluents from industries
  - ☒ 3. Washing of clothes
  - ☒ 4. Untreated sewage dumped in it

Question ID : 7518974684  
Option 1 ID : 75189718735  
Option 2 ID : 75189718734  
Option 3 ID : 75189718733  
Option 4 ID : 75189718736  
Status : Not Answered  
Chosen Option : --

**Q.25** Oral pills used for birth control change the hormonal balance of the body. How do these prevent pregnancy? Select the correct option.

- Ans
- ☒ 1. Lining of uterus breaks off
  - ☒ 2. Eggs are released but no fertilisation
  - ☒ 3. No formation of eggs
  - ☒ 4. Eggs are not released and no fertilisation

Question ID : 7518974625  
Option 1 ID : 75189718499  
Option 2 ID : 75189718500  
Option 3 ID : 75189718498  
Option 4 ID : 75189718497  
Status : Answered  
Chosen Option : 3

**Q.26** Each of A, B, C, D, E and F has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Thursday is the only gap day on which no exam is held. E's exam is on Saturday. The exams of A and F are separated by one day that is the gap day. D's exam is immediately before F but is immediately after C. B's exam is on Sunday. On which day is D's exam held?

- Ans**
- ☒ 1. Friday
  - ☒ 2. Tuesday
  - ☒ 3. Wednesday
  - ☒ 4. Monday

Question ID : 7518975149  
Option 1 ID : 75189720596  
Option 2 ID : 75189720594  
Option 3 ID : 75189720595  
Option 4 ID : 75189720593

Status : Answered

Chosen Option : 2

**Q.27** Which of the following numbers will replace the question mark (?) in the given series?

25, 36, 49, 66, 85, ?

- Ans**
- ☒ 1. 103
  - ☒ 2. 110
  - ☒ 3. 105
  - ☒ 4. 108

Question ID : 7518975067  
Option 1 ID : 75189720266  
Option 2 ID : 75189720268  
Option 3 ID : 75189720265  
Option 4 ID : 75189720267

Status : Answered

Chosen Option : 4

**Q.28** Ten years ago, a mother was 3 times as old as her son. 5 years ago she was  $\frac{5}{2}$  times her son's age. What is her present age?

- Ans**
- ☒ 1. 30 years
  - ☒ 2. 35 years
  - ☒ 3. 55 years
  - ☒ 4. 45 years

Question ID : 7518975722  
Option 1 ID : 75189722888  
Option 2 ID : 75189722887  
Option 3 ID : 75189722885  
Option 4 ID : 75189722886

Status : Answered

Chosen Option : 4

**Q.29** Which of following is the world's largest food security programme extended till September 2022 by the Union Cabinet, Government of India in March 2022?

**Ans** ☒ 1. Annapurna Scheme

☒ 2. Swaranjayanti Gram Swarozgar Yojana

☒ 3. Pradhan Mantri Garib Kalyan Anna Yojana

☒ 4.

Mahatma Gandhi National Rural Employment Guarantee Act

Question ID : 7518974162

Option 1 ID : 75189716645

Option 2 ID : 75189716646

Option 3 ID : 75189716648

Option 4 ID : 75189716647

Status : Answered

Chosen Option : 3

**Q.30** If a sum of money doubles itself in 10 years at compound interest, then in how many years will it become 16 times of itself at the same rate?

**Ans** ☒ 1. 30

☒ 2. 20

☒ 3. 40

☒ 4. 10

Question ID : 7518975853

Option 1 ID : 75189723411

Option 2 ID : 75189723410

Option 3 ID : 75189723412

Option 4 ID : 75189723409

Status : Answered

Chosen Option : 3

**Q.31** Which of the following is NOT a true statement?

**Ans** ☒ 1. Diagonals of a rhombus bisect each other at right angles.

☒ 2. All squares are rhombuses.

☒ 3.

Sum of any pair of adjacent angles of a rhombus is not  $180^\circ$ .

☒ 4. All sides of a rhombus are congruent.

Question ID : 7518975993

Option 1 ID : 75189723971

Option 2 ID : 75189723969

Option 3 ID : 75189723972

Option 4 ID : 75189723970

Status : Answered

Chosen Option : 3

**Q.32** A compound X is transparent crystalline solid. It has cleansing properties and used in manufacture of glass. Compound X is:

- Ans**
- ☒ 1. baking soda
  - ☒ 2. sodium hydroxide
  - ☒ 3. bleaching powder
  - ☒ 4. washing soda

Question ID : 7518973666  
Option 1 ID : 75189714661  
Option 2 ID : 75189714663  
Option 3 ID : 75189714664  
Option 4 ID : 75189714662  
Status : Not Answered  
Chosen Option : --

**Q.33** Solve:  $2(5x - 3) + 3(3x - 5) = 93$

- Ans**
- ☒ 1.  $x = 6$
  - ☒ 2.  $x = 9$
  - ☒ 3.  $x = -6$
  - ☒ 4.  $x = -9$

Question ID : 7518975912  
Option 1 ID : 75189723645  
Option 2 ID : 75189723647  
Option 3 ID : 75189723646  
Option 4 ID : 75189723648  
Status : Answered  
Chosen Option : 1

**Q.34** In a dynamo, electric current is produced using the principle of:

- Ans**
- ☒ 1. electromagnetism
  - ☒ 2. electric conduction
  - ☒ 3. electromagnetic radiation
  - ☒ 4. electromagnetic induction

Question ID : 7518975542  
Option 1 ID : 75189722166  
Option 2 ID : 75189722165  
Option 3 ID : 75189722167  
Option 4 ID : 75189722168  
Status : Answered  
Chosen Option : 1

Q.35 The value of

$$(3^0 + 3^{-2} + 3^{-1}) \times 27 =$$

- Ans
- ☒ 1. 3
  - ☒ 2. 32
  - ☒ 3. 23
  - ☒ 4. 39

Question ID : 7518975556  
Option 1 ID : 75189722224  
Option 2 ID : 75189722222  
Option 3 ID : 75189722221  
Option 4 ID : 75189722223  
Status : Answered  
Chosen Option : 4

Q.36 Which of the following languages is NOT a classical language in India as on June 2022?

- Ans
- ☒ 1. Odia
  - ☒ 2. Bengali
  - ☒ 3. Sanskrit
  - ☒ 4. Tamil

Question ID : 7518974183  
Option 1 ID : 75189716732  
Option 2 ID : 75189716730  
Option 3 ID : 75189716729  
Option 4 ID : 75189716731  
Status : Answered  
Chosen Option : 2

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 /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, 3, 16)

(3, 5, 19)

- Ans
- ☒ 1. (8, 2, 20)
  - ☒ 2. (8, 1, 18)
  - ☒ 3. (5, 2, 49)
  - ☒ 4. (3, 2, 12)

Question ID : 7518975084  
Option 1 ID : 75189720333  
Option 2 ID : 75189720336  
Option 3 ID : 75189720335  
Option 4 ID : 75189720334  
Status : Answered  
Chosen Option : 1

**Q.38** In a certain code language, ROUTINE is written as UORTENI and PLAYERS is written as ALPYSRE. How will BANKING be written in the same language?

- Ans**
- ☒ 1. NABGNIK
  - ☒ 2. NABKGNI
  - ☒ 3. BNAKIGN
  - ☒ 4. NBAIGKN

Question ID : 7518975245  
Option 1 ID : 75189720978  
Option 2 ID : 75189720977  
Option 3 ID : 75189720979  
Option 4 ID : 75189720980  
Status : Answered  
Chosen Option : 2

**Q.39** As per Annual Status of Education Report (rural) – 2021, what was the enrolment rate of children enrolled in government schools in the year 2021?

- Ans**
- ☒ 1. 65.3%
  - ☒ 2. 72.5%
  - ☒ 3. 70.3%
  - ☒ 4. 67.5%

Question ID : 7518976542  
Option 1 ID : 75189726165  
Option 2 ID : 75189726168  
Option 3 ID : 75189726167  
Option 4 ID : 75189726166  
Status : Not Answered  
Chosen Option : --

**Q.40** Selectively permeable membranes are those that allow penetration of \_\_\_\_\_.

- Ans**
- ☒ 1. neither solvent nor solute molecules
  - ☒ 2. only solvent molecules but not solute molecules
  - ☒ 3. both solvent and solute molecules
  - ☒ 4. only solute molecules but not solvent molecules

Question ID : 7518974357  
Option 1 ID : 75189717425  
Option 2 ID : 75189717428  
Option 3 ID : 75189717427  
Option 4 ID : 75189717426  
Status : Answered  
Chosen Option : 3

**Q.41** Study the given letter, number, symbol series and answer the question that follows.

7 T % N 9 \* M S 3 U = L 8 Y @ G & 3 E > 5 & R 3 ! K # 7 % H = Y 6

Find out the total number of letters that are immediately followed by a number and immediately preceded by a symbol.

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

Question ID : 7518974798

Option 1 ID : 75189719189

Option 2 ID : 75189719190

Option 3 ID : 75189719192

Option 4 ID : 75189719191

Status : Answered

Chosen Option : 3

**Q.42** The insoluble substance formed in a solution during a chemical reaction is known as \_\_\_\_\_.

- Ans**
- ☒ 1. residue
  - ☒ 2. aqueous solution
  - ☒ 3. soluble salt
  - ☒ 4. precipitate

Question ID : 7518973436

Option 1 ID : 75189713741

Option 2 ID : 75189713743

Option 3 ID : 75189713742

Option 4 ID : 75189713744

Status : Answered

Chosen Option : 4

**Q.43** एक कथन और उसके बाद दो धारणाएं I और II दी गई हैं। कथन में दी गई जानकारी को सत्य मानते हुए विचार करें, और बताएं कि दी गई धारणाओं में से कौन सी कथन में निहित हैं?

कथन:

इमारत की बाहरी दीवारों में कई दरारें हैं, जिनकी मरम्मत दीवार की पेंटिंग शुरू होने से पहले की जानी चाहिए, जिससे बाद में रिसाव जैसी समस्याओं का सामना न करना पड़े।

धारणा:

- I. बाहरी दीवारों को पेंट करने से रिसाव की समस्याएं हो सकती हैं।
- II. बाहरी दीवारों में दरारों के कारण रिसाव की समस्याएं हो सकती हैं।

- Ans**
- ☒ 1. केवल धारणा II निहित है
  - ☒ 2. न तो धारणा I, और न ही II निहित है
  - ☒ 3. धारणा I और II, दोनों निहित हैं
  - ☒ 4. केवल धारणा I निहित है

Question ID : 7518976407

Option 1 ID : 75189725626

Option 2 ID : 75189725627

Option 3 ID : 75189725628

Option 4 ID : 75189725625

Status : Answered

Chosen Option : 1

Q.44 Consider the below statements and identify the correct answer.

Statement-I: Most carbon compounds are poor conductors of electricity.

Statement-II: Carbon compounds have low melting and boiling points.

- Ans
- ☒ 1. Both the statements are false
  - ☒ 2. Statement-II is true, and Statement-I is false
  - ☒ 3. Statement-I is true, and Statement-II is false
  - ☒ 4. Both the statements are true

Question ID : 7518973544  
Option 1 ID : 75189714174  
Option 2 ID : 75189714176  
Option 3 ID : 75189714175  
Option 4 ID : 75189714173  
Status : Answered  
Chosen Option : 3

Q.45 In the year 2000, Monu was 3 times his sister's age. In 2010, he was 24 years older than her. Find Monu's age in 2010.

- Ans
- ☒ 1. 38 years
  - ☒ 2. 46 years
  - ☒ 3. 52 years
  - ☒ 4. 62 years

Question ID : 7518975715  
Option 1 ID : 75189722857  
Option 2 ID : 75189722860  
Option 3 ID : 75189722859  
Option 4 ID : 75189722858  
Status : Answered  
Chosen Option : 2

Q.46 What is the angular distance covered by the second hand of a correct clock in 12 minutes?

- Ans
- ☒ 1.  $4762^\circ$
  - ☒ 2.  $5120^\circ$
  - ☒ 3.  $4320^\circ$
  - ☒ 4.  $5611^\circ$

Question ID : 7518976429  
Option 1 ID : 75189725714  
Option 2 ID : 75189725715  
Option 3 ID : 75189725713  
Option 4 ID : 75189725716  
Status : Answered  
Chosen Option : 3

**Q.47** V, W, X, Y, Z, A and B are seven boxes kept one over the other but not necessarily in the same order. A is kept immediately above W. Only four boxes are kept between B and W. Only one box is kept between V and X. X is kept immediately above A. B is kept at the topmost position. How many boxes are kept between Z and Y?

- Ans**
- ☒ 1. Two
  - ☒ 2. Three
  - ☒ 3. Four
  - ☒ 4. One

Question ID : 7518974921  
Option 1 ID : 75189719682  
Option 2 ID : 75189719683  
Option 3 ID : 75189719684  
Option 4 ID : 75189719681  
Status : Answered  
Chosen Option : 2

**Q.48** There are three numbers which are co-prime to one other such that the product of the first two is 357 and that of the last two is 609. What is the sum of the three numbers?

- Ans**
- ☒ 1. 91
  - ☒ 2. 67
  - ☒ 3. 83
  - ☒ 4. 75

Question ID : 7518976245  
Option 1 ID : 75189724980  
Option 2 ID : 75189724977  
Option 3 ID : 75189724978  
Option 4 ID : 75189724979  
Status : Answered  
Chosen Option : 2

**Q.49** 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 are not allowed.)

(7, 175, 5)

(6, 294, 7)

- Ans**
- ☒ 1. (5, 140, 7)
  - ☒ 2. (3, 192, 8)
  - ☒ 3. (6, 216, 5)
  - ☒ 4. (8, 412, 9)

Question ID : 7518975306  
Option 1 ID : 75189721222  
Option 2 ID : 75189721221  
Option 3 ID : 75189721223  
Option 4 ID : 75189721224  
Status : Answered  
Chosen Option : 2

Q.50 Which of the following is NOT a result of the ozone layer depletion?

- Ans
- ☒ 1. The Earth getting more UV rays from the Sun
  - ☒ 2. Tsunami
  - ☒ 3. Immune deficiency disorders
  - ☒ 4. Skin cancer

Question ID : 7518974467  
Option 1 ID : 75189717866  
Option 2 ID : 75189717865  
Option 3 ID : 75189717868  
Option 4 ID : 75189717867  
Status : Answered  
Chosen Option : 2

Q.51 Simplify  $\frac{\sin A}{1 + \cos A} + \frac{1 + \cos A}{\sin A}$ .

- Ans
- ☒ 1.  $2\sec A$
  - ☒ 2.  $\sec A$
  - ☒ 3.  $\operatorname{cosec} A$
  - ☒ 4.  $2\operatorname{cosec} A$

Question ID : 7518976214  
Option 1 ID : 75189724855  
Option 2 ID : 75189724853  
Option 3 ID : 75189724854  
Option 4 ID : 75189724856  
Status : Answered  
Chosen Option : 4

Q.52 Which Indian Cricketer played his 100th test match against Sri Lanka in Mohali in March 2022?

- Ans
- ☒ 1. Rohit Sharma
  - ☒ 2. Ravichandran Ashwin
  - ☒ 3. Virat Kohli
  - ☒ 4. Ishant Sharma

Question ID : 7518973950  
Option 1 ID : 75189715798  
Option 2 ID : 75189715799  
Option 3 ID : 75189715797  
Option 4 ID : 75189715800  
Status : Answered  
Chosen Option : 2

**Q.53** Some features of transportation in plants are mentioned below. Which option shows the INCORRECT feature?

**Ans** ☒ 1.

Vessels and Tracheids are dead cells and Sieve tubes are living

☒ 2. Movement of both water and food is bidirectional

☒ 3. Xylem transports water and Phloem transports food

☒ 4.

Water movement is by simple physical forces; food movement requires energy

Question ID : 7518974543

Option 1 ID : 75189718171

Option 2 ID : 75189718170

Option 3 ID : 75189718169

Option 4 ID : 75189718172

Status : Answered

Chosen Option : 2

**Q.54**

Which of the following is NOT a tributary of the Yamuna river system?

**Ans**

☒ 1. Hindon

☒ 2. Chambal

☒ 3. Sind

☒ 4. Chenab

Question ID : 7518973906

Option 1 ID : 75189715621

Option 2 ID : 75189715622

Option 3 ID : 75189715623

Option 4 ID : 75189715624

Status : Answered

Chosen Option : 4

**Q.55** Kidney is an organ of excretion and osmoregulation in humans. Regulation of which two substances is done by the kidneys?

**Ans**

☒ 1. Water and O<sub>2</sub>

☒ 2. Sugar and salts

☒ 3. CO<sub>2</sub> and proteins

☒ 4. Water and salts

Question ID : 7518974606

Option 1 ID : 75189718424

Option 2 ID : 75189718422

Option 3 ID : 75189718421

Option 4 ID : 75189718423

Status : Answered

Chosen Option : 4

Q.56 Which of the following is a protein-splitting enzyme?

- Ans
- ☐ 1. Ptyalin
  - ☐ 2. Amylase
  - ☐ 3. Lipase
  - ☒ 4. Pepsin

Question ID : 7518974373  
Option 1 ID : 75189717491  
Option 2 ID : 75189717490  
Option 3 ID : 75189717492  
Option 4 ID : 75189717489  
Status : Answered  
Chosen Option : 4

Q.57 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All blazers are dungarees.
2. No dungaree is scarf.
3. All pyjamas are dungarees.

Conclusions:

- I. No blazer is scarf.
- II. No blazer is pyjama.
- III. Some blazers are pyjamas.

- Ans
- ☐ 1. Only conclusion I and III follow
  - ☒ 2. Only conclusion I follows
  - ☐ 3. Only conclusion I and II follow
  - ☐ 4. None of the conclusions follow

Question ID : 7518974751  
Option 1 ID : 75189719002  
Option 2 ID : 75189719003  
Option 3 ID : 75189719001  
Option 4 ID : 75189719004  
Status : Answered  
Chosen Option : 2

Q.58 Find the volume of a sphere whose diameter is 12 cm.

- Ans
- ☒ 1.  $864\pi \text{ cm}^3$
  - ☒ 2.  $288\pi \text{ cm}^3$
  - ☒ 3.  $284\pi \text{ cm}^3$
  - ☒ 4.  $248\pi \text{ cm}^3$

Question ID : 7518975967  
Option 1 ID : 75189723867  
Option 2 ID : 75189723866  
Option 3 ID : 75189723865  
Option 4 ID : 75189723868  
Status : Answered  
Chosen Option : 2

Q.59 निम्नलिखित में से कौन सा, संविधान के अनुसार भारत में पंचायती राज व्यवस्था का हिस्सा नहीं है?

- Ans
- ☒ 1. ग्राम पंचायत
  - ☒ 2. ग्राम निगम
  - ☒ 3. जिला पंचायत
  - ☒ 4. पंचायत समिति

Question ID : 7518974309  
Option 1 ID : 75189717233  
Option 2 ID : 75189717234  
Option 3 ID : 75189717236  
Option 4 ID : 75189717235  
Status : Answered  
Chosen Option : 2

Q.60 The mean of the data 9, 3, 5, 4, 4, 5 and y is y. What is the mode of the data?

- Ans
- ☒ 1. 4
  - ☒ 2. 5
  - ☒ 3. 9
  - ☒ 4. 3

Question ID : 7518976310  
Option 1 ID : 75189725237  
Option 2 ID : 75189725238  
Option 3 ID : 75189725239  
Option 4 ID : 75189725240  
Status : Answered  
Chosen Option : 2

**Q.61** The measure of each interior angle of a regular polygon is  $120^\circ$ . How many sides does this polygon have?

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

Question ID : **7518975984**  
Option 1 ID : **75189723935**  
Option 2 ID : **75189723934**  
Option 3 ID : **75189723933**  
Option 4 ID : **75189723936**  
Status : **Answered**  
Chosen Option : **2**

**Q.62** Four friends Himani, Shalaka, Mitali and Brinda are sitting around a square table facing the centre of the table. All four of them are sitting at the corners of the table. Himani is to the immediate right of Brinda. Mitali is to the immediate left of Shalaka. Himani is second to the left of Shalaka. After some time, Himani leaves her place and is replaced by Kamini. Similarly, Brinda is also replaced by Tara. Now who is sitting to the immediate left of Tara?

- Ans
- ☐ 1. Mitali
  - ☒ 2. Shalaka
  - ☐ 3. Brinda
  - ☐ 4. Kamini

Question ID : **7518975138**  
Option 1 ID : **75189720550**  
Option 2 ID : **75189720549**  
Option 3 ID : **75189720552**  
Option 4 ID : **75189720551**  
Status : **Answered**  
Chosen Option : **2**

**Q.63** A bike running at a speed of 50 km/h reaches its destination 10 minutes late. If it runs at 60 km/h it is late by 5 minutes. How many minutes should the bike take, travelling at usual speed to complete the journey on the same route to reach on time?

- Ans
- ☐ 1. 15 minutes
  - ☐ 2. 25 minutes
  - ☒ 3. 20 minutes
  - ☐ 4. 12 minutes

Question ID : **7518976090**  
Option 1 ID : **75189724359**  
Option 2 ID : **75189724357**  
Option 3 ID : **75189724358**  
Option 4 ID : **75189724360**  
Status : **Answered**  
Chosen Option : **3**

**Q.64** An object placed 30 cm from a concave lens forms a virtual erect image at a distance of 10 cm from the lens. The magnification produced by the lens is:

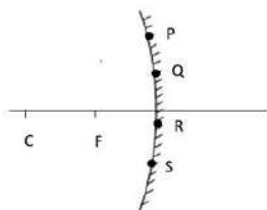
- Ans
- ☒ 1. -3
  - ☒ 2. 3
  - ☒ 3. -1/3
  - ☒ 4. 1/3

Question ID : 7518975417  
 Option 1 ID : 75189721666  
 Option 2 ID : 75189721665  
 Option 3 ID : 75189721668  
 Option 4 ID : 75189721667

Status : Answered

Chosen Option : 4

**Q.65** P, Q, R and S are four points on the surface of a concave mirror as shown in the figure. If  $r_1$ ,  $r_2$ ,  $r_3$  and  $r_4$  are the distance of centre of curvature from points P, Q, R and S, respectively, then the correct relation between  $r_1$ ,  $r_2$ ,  $r_3$  and  $r_4$  is:



- Ans
- ☒ 1.  $r_1 = r_2$ ,  $r_3 = r_4$ ,  $r_2 \neq r_3$
  - ☒ 2.  $r_1 = r_2 = r_3 = r_4$
  - ☒ 3.  $r_1 > r_2 > r_3 > r_4$
  - ☒ 4.  $r_1 < r_2 < r_3 < r_4$

Question ID : 7518975358  
 Option 1 ID : 75189721432  
 Option 2 ID : 75189721429  
 Option 3 ID : 75189721430  
 Option 4 ID : 75189721431

Status : Answered

Chosen Option : 2

Q.66

The Largest brackish water Lake of India is present in which state?

Ans

✗ 1. Assam

✓ 2. Odisha

✗ 3. Gujarat

✗ 4. Maharashtra

Question ID : 7518973905

Option 1 ID : 75189715619

Option 2 ID : 75189715617

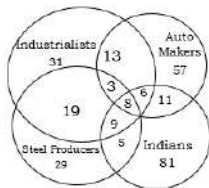
Option 3 ID : 75189715618

Option 4 ID : 75189715620

Status : Answered

Chosen Option : 2

Q.67 Study the diagram and answer the question that follows. The numbers in different sections indicate the number of persons. How many Indian industrialists make autos but are NOT steel producers?



Ans

✓ 1. 6

✗ 2. 3

✗ 3. 8

✗ 4. 13

Question ID : 7518974758

Option 1 ID : 75189719032

Option 2 ID : 75189719030

Option 3 ID : 75189719031

Option 4 ID : 75189719029

Status : Answered

Chosen Option : 1

**Q.68** Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$125.99 - 35.92 + 3.89 \times 16.11 = ?$$

- Ans**
- ☒ 1. 158
  - ☒ 2. 166
  - ☒ 3. 154
  - ☒ 4. 150

Question ID : 7518975093  
Option 1 ID : 75189720370  
Option 2 ID : 75189720372  
Option 3 ID : 75189720371  
Option 4 ID : 75189720369  
Status : Answered  
Chosen Option : 3

**Q.69** The sum of three consecutive multiples of 9 is 2457, find the largest one.

- Ans**
- ☒ 1. 828
  - ☒ 2. 990
  - ☒ 3. 819
  - ☒ 4. 999

Question ID : 7518975705  
Option 1 ID : 75189722818  
Option 2 ID : 75189722820  
Option 3 ID : 75189722817  
Option 4 ID : 75189722819  
Status : Answered  
Chosen Option : 1

**Q.70** A wire of a given material has length 'l' and resistance 'R'. Another wire of the same material having nine times the length and the same area of cross section will have a resistance equal to:

- Ans**
- ☒ 1.  $1/3R$
  - ☒ 2.  $1/9R$
  - ☒ 3.  $9R$
  - ☒ 4.  $3R$

Question ID : 7518975468  
Option 1 ID : 75189721872  
Option 2 ID : 75189721870  
Option 3 ID : 75189721869  
Option 4 ID : 75189721871  
Status : Answered  
Chosen Option : 3

**Q.71** The Missionaries of Charity is a Catholic religious congregation established in \_\_\_\_\_ by Mother Teresa.

- Ans
- ☐ 1. 1954
  - ☒ 2. 1950
  - ☐ 3. 1947
  - ☐ 4. 1952

Question ID : 7518974196  
Option 1 ID : 75189716784  
Option 2 ID : 75189716782  
Option 3 ID : 75189716781  
Option 4 ID : 75189716783  
Status : Not Answered  
Chosen Option : --

**Q.72** Which Article of the Indian Constitution states that 'The Council of Ministers shall be collectively responsible to the House of the People'?

- Ans
- ☐ 1. Article 80 (4)
  - ☐ 2. Article 75 (2)
  - ☐ 3. Article 75 (1)
  - ☒ 4. Article 75 (3)

Question ID : 7518974285  
Option 1 ID : 75189717140  
Option 2 ID : 75189717139  
Option 3 ID : 75189717138  
Option 4 ID : 75189717137  
Status : Answered  
Chosen Option : 3

**Q.73** Which two signs should be interchanged to make the given equation correct?

$$24 \times 6 - 12 + 18 \div 3 = 46$$

- Ans
- ☐ 1. + and -
  - ☒ 2.  $\times$  and  $\div$
  - ☐ 3. + and  $\div$
  - ☐ 4.  $\times$  and +

Question ID : 7518975327  
Option 1 ID : 75189721308  
Option 2 ID : 75189721306  
Option 3 ID : 75189721307  
Option 4 ID : 75189721305  
Status : Answered  
Chosen Option : 2

Q.74

'निशागंधी नृत्य उत्सव' इनमें से किस राज्य में मनाया जाता है?

Ans

✓ 1. केरल

✗ 2. कर्नाटक

✗ 3. तमिलनाडु

✗ 4. उत्तर प्रदेश

Question ID : 7518973807  
 Option 1 ID : 75189715227  
 Option 2 ID : 75189715226  
 Option 3 ID : 75189715225  
 Option 4 ID : 75189715228  
 Status : Answered  
 Chosen Option : 4

Q.75 If A bought an item for ₹384 and sold it for ₹576 and B bought another item for ₹1,254 and sold it for ₹1,672. What is the ratio of gain % of A to gain % of B?

Ans

✗ 1.  $\frac{5}{2}$

✗ 2.  $\frac{5}{3}$

✓ 3.  $\frac{3}{2}$

✗ 4.  $\frac{3}{4}$

Question ID : 7518975623  
 Option 1 ID : 75189722489  
 Option 2 ID : 75189722492  
 Option 3 ID : 75189722491  
 Option 4 ID : 75189722490  
 Status : Answered  
 Chosen Option : 3

Q.76 In a class of 21 students, each scored differently. P's rank from the bottom is 9<sup>th</sup>, while Q's rank from the top is also 9<sup>th</sup>. How many students are ranked between Q and P?

Ans

✗ 1. 4

✗ 2. 2

✗ 3. 5

✓ 4. 3

Question ID : 7518974718  
 Option 1 ID : 75189718869  
 Option 2 ID : 75189718870  
 Option 3 ID : 75189718871  
 Option 4 ID : 75189718872  
 Status : Answered  
 Chosen Option : 4

Q.77 At which position on principal axis does a concave mirror forms a highly diminished, real and inverted image of an object?

- Ans
- ☐ 1.  $2F$
  - ☐ 2. beyond  $2F$
  - ☐ 3. between  $F$  and  $2F$
  - ☒ 4.  $F$

Question ID : 7518975367  
Option 1 ID : 75189721466  
Option 2 ID : 75189721468  
Option 3 ID : 75189721467  
Option 4 ID : 75189721465  
Status : Answered  
Chosen Option : 3

Q.78 Lemons placed inside a beaker filled with water appear relatively larger in size due to:

- Ans
- ☐ 1. scattering of light
  - ☒ 2. refraction of light
  - ☐ 3. reflection of light
  - ☐ 4. dispersion of light

Question ID : 7518975443  
Option 1 ID : 75189721771  
Option 2 ID : 75189721769  
Option 3 ID : 75189721770  
Option 4 ID : 75189721772  
Status : Answered  
Chosen Option : 2

Q.79 N.K.Singh became the Chairman of which Finance Commission of India?

- Ans
- ☐ 1. 19<sup>th</sup>
  - ☐ 2. 17<sup>th</sup>
  - ☐ 3. 13<sup>th</sup>
  - ☒ 4. 15<sup>th</sup>

Question ID : 7518973925  
Option 1 ID : 75189715700  
Option 2 ID : 75189715699  
Option 3 ID : 75189715697  
Option 4 ID : 75189715698  
Status : Answered  
Chosen Option : 4

Q.80 The HCF of 45, 78 and 117 is:

- Ans
- ☒ 1. 9
  - ☒ 2. 5
  - ☒ 3. 7
  - ☒ 4. 3

Question ID : 7518976248  
Option 1 ID : 75189724990  
Option 2 ID : 75189724991  
Option 3 ID : 75189724989  
Option 4 ID : 75189724992  
Status : Answered  
Chosen Option : 4

Q.81 Workers who own and operate an enterprise to earn their livelihood are known as:

- Ans
- ☒ 1. hired workers
  - ☒ 2. regular salaried employed workers
  - ☒ 3. government employed workers
  - ☒ 4. self-employed workers

Question ID : 7518974225  
Option 1 ID : 75189716897  
Option 2 ID : 75189716900  
Option 3 ID : 75189716898  
Option 4 ID : 75189716899  
Status : Answered  
Chosen Option : 4

Q.82 The product of the roots of the quadratic equation  $6 - 5x^2 - 8x = 0$  is:

- Ans
- ☒ 1.  $-\frac{8}{5}$
  - ☒ 2.  $\frac{8}{5}$
  - ☒ 3.  $\frac{6}{5}$
  - ☒ 4.  $-\frac{6}{5}$

Question ID : 7518976168  
Option 1 ID : 75189724670  
Option 2 ID : 75189724669  
Option 3 ID : 75189724672  
Option 4 ID : 75189724671  
Status : Answered  
Chosen Option : 1

Q.83 Fiscal policy is the policy of:

- Ans ☒ 1. the Government  
☒ 2. RBI  
☒ 3. NABARD  
☒ 4. Both the Government and RBI

Question ID : 7518974235  
Option 1 ID : 75189716938  
Option 2 ID : 75189716939  
Option 3 ID : 75189716937  
Option 4 ID : 75189716940  
Status : Answered  
Chosen Option : 1

Q.84 Which of the following Acts was passed by the British Parliament, defining the powers and responsibilities of the various organs of the East India Company?

- Ans ☒ 1. Indian Councils Act of 1892  
☒ 2. Regulating Act of 1773  
☒ 3. Government of India Act of 1858  
☒ 4. Pitt's India Act of 1784

Question ID : 7518973989  
Option 1 ID : 75189715956  
Option 2 ID : 75189715953  
Option 3 ID : 75189715955  
Option 4 ID : 75189715954  
Status : Answered  
Chosen Option : 2

Q.85 A dealer allows 30% discount on the marked price of an item and still makes a profit of 10%. By how much percentage is the marked price more than the cost price (rounded off to two places of decimal)?

- Ans ☒ 1. 57.14%  
☒ 2. 26.67%  
☒ 3. 33.33%  
☒ 4. 45.45%

Question ID : 7518976081  
Option 1 ID : 75189724324  
Option 2 ID : 75189724321  
Option 3 ID : 75189724322  
Option 4 ID : 75189724323  
Status : Answered  
Chosen Option : 4

**Q.86** The cost incurred by Mahesh to produce an item in the factory was ₹2,000. He had to spend 10% of the production cost incurred on the item in the factory to transport it to the showroom. He sold the item from the showroom at a price that was 15% above the total cost incurred by Mahesh in the production and transportation of the item. What was the price at which Mahesh sold the item from the showroom?

- Ans**
- ☒ 1. ₹2,300
  - ☒ 2. ₹2,530
  - ☒ 3. ₹2,500
  - ☒ 4. ₹2,250

Question ID : 7518976260  
Option 1 ID : 75189725038  
Option 2 ID : 75189725039  
Option 3 ID : 75189725037  
Option 4 ID : 75189725040  
Status : Answered  
Chosen Option : 2

**Q.87** A sum of money is to be distributed among four members A, B, C, and D in the ratio 4: 7: 9: 3. If C gets ₹720 more than D, find D's share.

- Ans**
- ☒ 1. ₹240
  - ☒ 2. ₹160
  - ☒ 3. ₹360
  - ☒ 4. ₹480

Question ID : 7518976064  
Option 1 ID : 75189724254  
Option 2 ID : 75189724253  
Option 3 ID : 75189724255  
Option 4 ID : 75189724256  
Status : Answered  
Chosen Option : 3

**Q.88** Each of the digits in the number 813924765 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. One
  - ☒ 3. Two
  - ☒ 4. Three

Question ID : 7518974876  
Option 1 ID : 75189719501  
Option 2 ID : 75189719502  
Option 3 ID : 75189719503  
Option 4 ID : 75189719504  
Status : Answered  
Chosen Option : 3

**Q.89** Refer to the given letter and symbol series and answer the question that follows.

(Left) U # S & S F o G ^ & J % Z K \* D X ‡ T X € @ Y S (Right)

How many such letters are there in the series each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- ☒ 1. 4
  - ☒ 2. 6
  - ☒ 3. 5
  - ☒ 4. 2

Question ID : 7518975005

Option 1 ID : 75189720018

Option 2 ID : 75189720019

Option 3 ID : 75189720020

Option 4 ID : 75189720017

Status : Answered

Chosen Option : 3

**Q.90** Which of the following group of hydrocarbons follows the general formula of  $C_nH_{2n}$ ?

- Ans**
- ☒ 1. Alkyne
  - ☒ 2. Alkyl
  - ☒ 3. Alkane
  - ☒ 4. Alkene

Question ID : 7518973380

Option 1 ID : 75189713519

Option 2 ID : 75189713520

Option 3 ID : 75189713517

Option 4 ID : 75189713518

Status : Answered

Chosen Option : 4

**Q.91** Which physiographic division covers a distance of 2500 km from Indus to Brahmaputra in west-east direction?

- Ans**
- ☒ 1. Coastal plains
  - ☒ 2. Northern plains
  - ☒ 3. Himalayan mountains
  - ☒ 4. Peninsular plateau

Question ID : 7518974079

Option 1 ID : 75189716316

Option 2 ID : 75189716313

Option 3 ID : 75189716314

Option 4 ID : 75189716315

Status : Answered

Chosen Option : 3

**Q.92** The Twenty Point Programme (TPP) was launched by the Government of India in \_\_\_\_\_.

- Ans**
- ☒ 1. 1980
  - ☒ 2. 1975
  - ☒ 3. 1985
  - ☒ 4. 1990

Question ID : 7518974250  
Option 1 ID : 75189716998  
Option 2 ID : 75189716997  
Option 3 ID : 75189716999  
Option 4 ID : 75189717000  
Status : Not Answered  
Chosen Option : --

**Q.93** Consider the statements below and identify the correct answer.

Statement I: Among chemical properties, Mendeleev concentrated on the compounds formed by elements with carbon and hydrogen.

Statement II: He selected these elements as they are less reactive and formed compounds with few elements.

- Ans**
- ☒ 1. Statement II is correct, Statement I is incorrect.
  - ☒ 2. Both statements are incorrect.
  - ☒ 3. Both statements are correct.
  - ☒ 4. Statement I is correct, Statement II is incorrect.

Question ID : 7518973713  
Option 1 ID : 75189714850  
Option 2 ID : 75189714852  
Option 3 ID : 75189714851  
Option 4 ID : 75189714849  
Status : Answered  
Chosen Option : 2

**Q.94** Each vowel in the word 'DESTROY' 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. If each letter, thus formed, is arranged in alphabetical order, which letter will be fifth from the right end?

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

Question ID : 7518974989  
Option 1 ID : 75189719954  
Option 2 ID : 75189719953  
Option 3 ID : 75189719955  
Option 4 ID : 75189719956  
Status : Answered  
Chosen Option : 4

Q.95 In chlor-alkali process, chlor represents chlorine gas and alkali represents:

- Ans ☒ 1. NaOH  
☐ 2.  $\text{CaCO}_3$   
☐ 3.  $\text{Ca(OH)}_2$   
☐ 4. ZnO

Question ID : 7518973471  
Option 1 ID : 75189713883  
Option 2 ID : 75189713882  
Option 3 ID : 75189713884  
Option 4 ID : 75189713881  
Status : Answered  
Chosen Option : 1

Q.96 Starting from point L, a person walks 125 m towards the south. He then takes a left turn and walks 70 m. From there, he takes a left turn and walks 80 m. After that, he takes a left turn and walks 115 m. Finally, he takes a right turn and walks 45 m to reach point M. How far and in which direction is point M from point L ? (All turns are 90 degree turns only)

- Ans ☐ 1. 45 m, East  
☐ 2. 90 m, East  
☒ 3. 45 m, West  
☐ 4. 90 m, North

Question ID : 7518975049  
Option 1 ID : 75189720193  
Option 2 ID : 75189720195  
Option 3 ID : 75189720194  
Option 4 ID : 75189720196  
Status : Answered  
Chosen Option : 3

Q.97 Find the area of a rhombus whose diagonals are 12 cm and 15 cm long.

- Ans ☐ 1.  $45 \text{ cm}^2$   
☐ 2.  $60 \text{ cm}^2$   
☒ 3.  $90 \text{ cm}^2$   
☐ 4.  $80 \text{ cm}^2$

Question ID : 7518975964  
Option 1 ID : 75189723854  
Option 2 ID : 75189723853  
Option 3 ID : 75189723856  
Option 4 ID : 75189723855  
Status : Answered  
Chosen Option : 3

Q.98 Who has launched the first Indian Virtual Science Lab for children under the CSIR Jigyasa programme?

- Ans
- ☒ 1. Dharmendra Pradhan
  - ☒ 2. Dr. Jitendra Singh
  - ☐ 3. Amit Shah
  - ☐ 4. Dr. Virendra Kumar

Question ID : 7518974147  
Option 1 ID : 75189716586  
Option 2 ID : 75189716585  
Option 3 ID : 75189716587  
Option 4 ID : 75189716588  
Status : Answered  
Chosen Option : 1

Q.99 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement:  $N > M < K = L \geq I > J$

Conclusions:

I.  $L > J$

II.  $N > L$

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

Question ID : 7518974951  
Option 1 ID : 75189719804  
Option 2 ID : 75189719802  
Option 3 ID : 75189719801  
Option 4 ID : 75189719803  
Status : Answered  
Chosen Option : 3

Q.100 The value of  $12 \div 3 \times (7 + 8 - 3)$  is:

- Ans
- ☒ 1. 48
  - ☐ 2. 24
  - ☐ 3.  $\frac{6}{13}$
  - ☐ 4.  $\frac{1}{13}$

Question ID : 7518976005  
Option 1 ID : 75189724017  
Option 2 ID : 75189724020  
Option 3 ID : 75189724018  
Option 4 ID : 75189724019  
Status : Answered  
Chosen Option : 1