



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



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|           |                    |
| Test Date | 06/10/2022         |
| 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** In a class test, a certain number of students got different ranks based on their marks. Vivek is ranked 12<sup>th</sup> from the top and 15<sup>th</sup> from the bottom. How many total students gave the test?

- Ans
- 1. 27
  - 2. 26
  - 3. 32
  - 4. 35

Question ID : 75189714174  
Option 1 ID : 75189756693  
Option 2 ID : 75189756695  
Option 3 ID : 75189756694  
Option 4 ID : 75189756696  
Status : Answered  
Chosen Option : 2

**Q.2** In a certain code language, 'ANGRY' is coded as 'CKIOA' and 'THINK' is coded as 'VEKKM'. How will 'CROWN' be coded in that language?

- Ans
- 1. EOQTP
  - 2. FOQUP
  - 3. FPRUQ
  - 4. EPRTQ

Question ID : 75189714235  
Option 1 ID : 75189756939  
Option 2 ID : 75189756940  
Option 3 ID : 75189756937  
Option 4 ID : 75189756938  
Status : Answered  
Chosen Option : 1

**Q.3** In accordance to Fleming's left hand rule used to find the direction of force on a current carrying conductor placed inside a magnetic field, the centre finger and the index finger represent the directions of \_\_\_\_\_ and \_\_\_\_\_, respectively.

- Ans**
- 1. force, magnetic field
  - 2. magnetic field, current
  - 3. current, magnetic field
  - 4. magnetic field, force

Question ID : 75189712664  
Option 1 ID : 75189750653  
Option 2 ID : 75189750655  
Option 3 ID : 75189750656  
Option 4 ID : 75189750654  
Status : Answered  
Chosen Option : 2

**Q.4** Which of the following statements is/are correct?

- A) Classification is necessary in order to compare the physical and chemical properties of the elements.
- B) Classification is necessary to arrange the same kind of elements in the same group.
- C) Classification is necessary to arrange the different kinds of elements in the same group.

- Ans**
- 1. A, B and C
  - 2. Only B and C
  - 3. Only A and B
  - 4. Only A

Question ID : 75189714792  
Option 1 ID : 75189759167  
Option 2 ID : 75189759168  
Option 3 ID : 75189759166  
Option 4 ID : 75189759165  
Status : Answered  
Chosen Option : 1

**Q.5** Which of the following processes does NOT occur during photosynthesis?

- Ans**
- 1. Splitting of water molecules
  - 2. Absorption of light energy
  - 3. Reduction of carbon dioxide
  - 4. Absorption of oxygen

Question ID : 75189714818  
Option 1 ID : 75189759272  
Option 2 ID : 75189759269  
Option 3 ID : 75189759271  
Option 4 ID : 75189759270  
Status : Answered  
Chosen Option : 1

Q.6 An adult human being has only \_\_\_\_\_ incisors in his/her mouth.

- Ans
- 1. twelve
  - 2. eight
  - 3. ten
  - 4. four

Question ID : 75189712264  
Option 1 ID : 75189749056  
Option 2 ID : 75189749054  
Option 3 ID : 75189749055  
Option 4 ID : 75189749053  
Status : Answered  
Chosen Option : 2

Q.7 H, N, P, T, W and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. H lives on an odd numbered floor but not on floor number 3. Only two people live between H and N. P lives on an odd numbered floor above N. Only two people live between P and T. Neither T nor W live on the topmost floor. How many people live below T?

- Ans
- 1. Two
  - 2. Three
  - 3. More than three
  - 4. One

Question ID : 75189715235  
Option 1 ID : 75189760939  
Option 2 ID : 75189760938  
Option 3 ID : 75189760937  
Option 4 ID : 75189760940  
Status : Answered  
Chosen Option : 4

Q.8 Which gas is produced during electrolysis of brine, that burns with a pop sound?

- Ans
- 1.  $\text{Cl}_2$
  - 2.  $\text{H}_2$
  - 3.  $\text{O}_2$
  - 4.  $\text{N}_2$

Question ID : 75189711899  
Option 1 ID : 75189747594  
Option 2 ID : 75189747593  
Option 3 ID : 75189747596  
Option 4 ID : 75189747595  
Status : Answered  
Chosen Option : 1

**Q.9** The Ministry of Women and Child Development, Government of India, celebrated the International Women's Day week from \_\_\_\_\_ 2022 as an 'Iconic Week' as a part of 'Azadi Ka Amrit Mahotsav'.

- Ans**
- ✓ 1. 1 to 8 March
  - ✗ 2. 15 to 22 March
  - ✗ 3. 22 to 28 March
  - ✗ 4. 8 to 15 March

Question ID : 75189715077

Option 1 ID : 75189760306

Option 2 ID : 75189760307

Option 3 ID : 75189760308

Option 4 ID : 75189760305

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.10** Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

E \_ F G \_ E \_ F G H E \_ G G H \_ F G H \_

- Ans**
- ✗ 1. EGFHFF
  - ✗ 2. EFHHFH
  - ✓ 3. EHF FEH
  - ✗ 4. EHFGEH

Question ID : 75189710828

Option 1 ID : 75189743310

Option 2 ID : 75189743309

Option 3 ID : 75189743311

Option 4 ID : 75189743312

Status : **Answered**

Chosen Option : 3

**Q.11** If  $48 : b :: b : 75$ , and  $b > 0$ , find the value of  $b$ .

- Ans**
- ✗ 1. 65
  - ✓ 2. 60
  - ✗ 3. 70
  - ✗ 4. 55

Question ID : 75189712945

Option 1 ID : 75189751779

Option 2 ID : 75189751778

Option 3 ID : 75189751780

Option 4 ID : 75189751777

Status : **Answered**

Chosen Option : 2

**Q.12** If 2 is multiplied to each odd digit and 1 is added to each even digit in the number 6311624, what will be the difference between the largest of the digits and the smallest of the digits thus formed?

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

Question ID : 75189713721  
Option 1 ID : 75189754883  
Option 2 ID : 75189754881  
Option 3 ID : 75189754884  
Option 4 ID : 75189754882  
Status : Answered  
Chosen Option : 3

**Q.13** Regulating the natural flow of a river by building large dams affects agriculture in downstream regions by \_\_\_\_\_.

- Ans**
- 1. lowering the water table due to reduced water flow
  - 2. blocking annual deposits of mineral rich sediment from floods
  - 3. making the water salty due to reduced water supply
  - 4. preventing the recharging of ground water during monsoons

Question ID : 75189712325  
Option 1 ID : 75189749297  
Option 2 ID : 75189749298  
Option 3 ID : 75189749299  
Option 4 ID : 75189749300  
Status : Not Answered  
Chosen Option : --

**Q.14** A sum of ₹150 is divided into two parts. The first part is ₹2 more than three times the second part. Find the second part.

- Ans**
- 1. ₹37
  - 2. ₹35
  - 3. ₹115
  - 4. ₹113

Question ID : 75189713358  
Option 1 ID : 75189753430  
Option 2 ID : 75189753432  
Option 3 ID : 75189753431  
Option 4 ID : 75189753429  
Status : Answered  
Chosen Option : 1

Q.15 Which of the following statements is NOT true?

Ans  1. In the short run, a firm cannot vary all the inputs.

2.

A firm, in order to produce different levels of output in the long run may not vary one of the inputs.

3.

One of the factors cannot be varied, and therefore, remain fixed in the short run.

4. In the long run, all factors of production can be varied.

Question ID : 75189712389

Option 1 ID : 75189749553

Option 2 ID : 75189749556

Option 3 ID : 75189749554

Option 4 ID : 75189749555

Status : Not Answered

Chosen Option : --

Q.16 A show ticket costs ₹7.50 for a parent and ₹3 for a child. If a total of ₹5,925 is collected by selling 952 tickets in all, then find the number of children's tickets sold.

Ans  1. 500

2. 300

3. 270

4. 682

Question ID : 75189713375

Option 1 ID : 75189753500

Option 2 ID : 75189753498

Option 3 ID : 75189753499

Option 4 ID : 75189753497

Status : Answered

Chosen Option : 3

Q.17 Frogs have a pair of lungs like human beings but they can also breathe through their:

Ans  1. spiracles

2. tracheae

3. slippery and moist skin

4. gills

Question ID : 75189713903

Option 1 ID : 75189755609

Option 2 ID : 75189755610

Option 3 ID : 75189755611

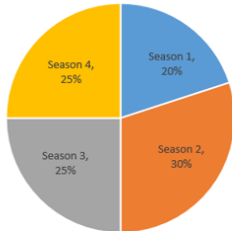
Option 4 ID : 75189755612

Status : Answered

Chosen Option : 3

**Q.18** Study the given pie-chart and answer the following question.

The given pie chart depicts the number of episodes watched of four different seasons (1, 2, 3 and 4). The total number of episodes watched of the four seasons together is 60.



What is the central angle corresponding to the number of episodes watched of season 3?

- Ans**
- ✓ 1.  $90^\circ$
  - ✗ 2.  $108^\circ$
  - ✗ 3.  $84^\circ$
  - ✗ 4.  $80^\circ$

Question ID : 75189712738

Option 1 ID : 75189750949

Option 2 ID : 75189750951

Option 3 ID : 75189750952

Option 4 ID : 75189750950

Status : Answered

Chosen Option : 1

**Q.19** Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Watches are Clocks.

All Clocks are Towers.

All Towers are Bricks.

**Conclusions:**

(I) Some Bricks are Watches.

(II) All Clocks are Bricks.

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

Question ID : 75189714612

Option 1 ID : 75189758445

Option 2 ID : 75189758447

Option 3 ID : 75189758446

Option 4 ID : 75189758448

Status : Answered

Chosen Option : 2

Q.20 Which of the following mountains and states/UT is NOT correct matched?

- Ans
- 1. Saser Kangari – Ladakh
  - 2. K2 mountain – Himachal Pradesh
  - 3. Nandadevi – Uttarakhand
  - 4. Kanchenjunga – Sikkim

Question ID : 75189715453

Option 1 ID : 75189761811

Option 2 ID : 75189761812

Option 3 ID : 75189761810

Option 4 ID : 75189761809

Status : Answered

Chosen Option : 2

Q.21 A 12 V battery is connected across an unknown resistor. If a current of 2 mA is flowing through the circuit, the value of the resistance is \_\_\_\_\_.

- Ans
- 1. 600 ohm
  - 2. 6 ohm
  - 3. 6000 ohm
  - 4. 60 ohm

Question ID : 75189713806

Option 1 ID : 75189755223

Option 2 ID : 75189755221

Option 3 ID : 75189755224

Option 4 ID : 75189755222

Status : Answered

Chosen Option : 3

Q.22 Which of the following statements is/are true regarding the centre of curvature of a spherical mirror?

(S - I) The centre of curvature (C) of a spherical mirror is the centre of the sphere of which the mirror is a cut part.

(S - II) The aperture (D) of a spherical mirror is the diameter of the sphere of which the mirror is a cut part.

(S - III) The principal focus (F) is strictly the mid-point between the pole (P) and the centre of curvature (C) of a spherical mirror.

- Ans
- 1. (S - I) and (S - II) only
  - 2. (S - I) and (S - III) only
  - 3. (S - I) only
  - 4. (S - I), (S - II) and (S - III)

Question ID : 75189714506

Option 1 ID : 75189758022

Option 2 ID : 75189758023

Option 3 ID : 75189758021

Option 4 ID : 75189758024

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.23** A shopkeeper offers a scheme of either selling articles at successive discounts of 30% and 20% or one where a customer can "buy 2, get 1 free". The positive difference in overall nominal percentage discounts offered in the two schemes is:

- Ans**
- 1.  $11\frac{2}{3}\%$
  - 2.  $10\frac{1}{3}\%$
  - 3.  $11\frac{1}{3}\%$
  - 4.  $10\frac{2}{3}\%$

Question ID : 75189713430  
Option 1 ID : 75189753718  
Option 2 ID : 75189753719  
Option 3 ID : 75189753720  
Option 4 ID : 75189753717  
Status : Answered  
Chosen Option : 3

**Q.24** Rama Navami is a Hindu spring festival that commemorates God Rama's birthday, which is usually comes in the month of \_\_\_\_\_.

- Ans**
- 1. June
  - 2. July
  - 3. April
  - 4. August

Question ID : 75189714043  
Option 1 ID : 75189756169  
Option 2 ID : 75189756171  
Option 3 ID : 75189756170  
Option 4 ID : 75189756172  
Status : Answered  
Chosen Option : 4

**Q.25** The volume of a right circular cylinder is  $814\text{ cm}^3$ . If the radius and the height of the cylinder are equal, find the height (in cm) of the cylinder.

(Use  $\pi = \frac{22}{7}$ )

- Ans**
- 1.  $\sqrt[3]{259}$
  - 2.  $2\sqrt[3]{259}$
  - 3.  $\sqrt[3]{259}$
  - 4.  $\sqrt[3]{295}$

Question ID : 75189713401  
Option 1 ID : 75189753601  
Option 2 ID : 75189753604  
Option 3 ID : 75189753602  
Option 4 ID : 75189753603  
Status : Answered  
Chosen Option : 3

**Q.26** A shopkeeper finds that when he sells one kind of rice at ₹50 per kg he loses 20% and when he sells another kind of rice at ₹72 per kg he gains 20%. If he mixes them in the ratio 3 : 2 and sells the mixture at ₹64 per kg., then what is his overall gain percentage (correct to one decimal place)?

- Ans**
- 1. 5.4%
  - 2. 4.1%
  - 3. 4.5%
  - 4. 5.6%

Question ID : 75189712626

Option 1 ID : 75189750503

Option 2 ID : 75189750501

Option 3 ID : 75189750502

Option 4 ID : 75189750504

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.27** The sum of a number and its reciprocal is  $-2$ . Find the quadratic equation associated with the situation and also the number.

- Ans**
- 1.  $x^2 + 2x + 1 = 0, x = 1$
  - 2.  $x^2 + 2x - 1 = 0, x = -1$
  - 3.  $x^2 + 2x + 1 = 0, x = -1$
  - 4.  $x^2 - 2x + 1 = 0, x = -1$

Question ID : 75189713389

Option 1 ID : 75189753555

Option 2 ID : 75189753556

Option 3 ID : 75189753553

Option 4 ID : 75189753554

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.28** According to right hand thumb rule, \_\_\_\_\_ represent(s) the direction of current.

- Ans**
- 1. the little finger
  - 2. the fore finger
  - 3. the middle finger
  - 4. the thumb

Question ID : 75189713865

Option 1 ID : 75189755459

Option 2 ID : 75189755460

Option 3 ID : 75189755458

Option 4 ID : 75189755457

Status : **Answered**

Chosen Option : 3

**Q.29** H, N, P, T, W and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. H lives on one of the floors above floor number 4. Only three people live between H and N. P lives immediately above N. Only three people live between P and T. W lives on one of the odd numbered floors below T. Who lives immediately above Y?

- Ans**
- 1. H
  - 2. W
  - 3. N
  - 4. T

Question ID : 75189715234  
Option 1 ID : 75189760935  
Option 2 ID : 75189760934  
Option 3 ID : 75189760936  
Option 4 ID : 75189760933  
Status : Answered  
Chosen Option : 1

**Q.30** In a right-angled triangle ABC, right-angled at B, if  $\tan A = \frac{1}{\sqrt{3}}$ , the value of

$(\sin A \cos C + \cos A \sin C)$  is:

- Ans**
- 1. 1
  - 2.  $\frac{3}{4}$
  - 3.  $\frac{1}{2}$
  - 4.  $\frac{1}{4}$

Question ID : 75189713478  
Option 1 ID : 75189753912  
Option 2 ID : 75189753911  
Option 3 ID : 75189753910  
Option 4 ID : 75189753909  
Status : Answered  
Chosen Option : 1

**Q.31** In March 2022, under the project of setting up health clinics in schools, a health clinic at a government school that will focus on the physical and mental well-being of students was inaugurated in which state of India?

- Ans**
- 1. West Bengal
  - 2. Punjab
  - 3. Delhi
  - 4. Andhra Pradesh

Question ID : 75189712346  
Option 1 ID : 75189749381  
Option 2 ID : 75189749382  
Option 3 ID : 75189749383  
Option 4 ID : 75189749384  
Status : Not Answered  
Chosen Option : --

**Q.32** The LCM of 62 and 30 is:

- Ans**
- 1. 310
  - 2. 9300
  - 3. 930
  - 4. 1860

Question ID : 75189713421  
Option 1 ID : 75189753681  
Option 2 ID : 75189753682  
Option 3 ID : 75189753683  
Option 4 ID : 75189753684  
Status : Answered  
Chosen Option : 3

**Q.33** Given below are two letter-cluster pairs in which the second letter-cluster is related to the first letter-cluster following a certain logic. Select the letter-cluster pair from among the options that follows the same logic.

CPG : PGC

TJM : JMT

- Ans**
- 1. UQK : QKU
  - 2. UQK : KQU
  - 3. UQK : QKV
  - 4. UQK : QUK

Question ID : 7518979772  
Option 1 ID : 75189739088  
Option 2 ID : 75189739085  
Option 3 ID : 75189739087  
Option 4 ID : 75189739086  
Status : Answered  
Chosen Option : 1

**Q.34** Which Five-Year Plan emphasised the setting up of Basic and Heavy Industries so as to establish a strong base for rapid industrialisation, self-reliance, and technological development?

- Ans**
- 1. Third Five-Year Plan
  - 2. First Five-Year Plan
  - 3. Fourth Five-Year Plan
  - 4. Second Five-Year Plan

Question ID : 75189715446  
Option 1 ID : 75189761781  
Option 2 ID : 75189761784  
Option 3 ID : 75189761783  
Option 4 ID : 75189761782  
Status : Answered  
Chosen Option : 1

Q.35 The ideal waste disposal method in case of metal is:

- Ans
- 1. reusing
  - 2. recycling
  - 3. composting
  - 4. incineration

Question ID : 75189710271  
Option 1 ID : 75189741084  
Option 2 ID : 75189741083  
Option 3 ID : 75189741082  
Option 4 ID : 75189741081  
Status : Answered  
Chosen Option : 2

Q.36 A sum of money triples itself at a certain rate of compound interest in 10 years. In how many years will it amount to 9 times of itself?

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

Question ID : 75189712959  
Option 1 ID : 75189751833  
Option 2 ID : 75189751834  
Option 3 ID : 75189751836  
Option 4 ID : 75189751835  
Status : Answered  
Chosen Option : 2

Q.37 Vishnu scored X runs in his 10<sup>th</sup> innings. After scoring those runs, his average per innings increased by 8 runs. If the new average is 28, then find the value of X.

- Ans
- 1. 110
  - 2. 90
  - 3. 105
  - 4. 100

Question ID : 75189713343  
Option 1 ID : 75189753369  
Option 2 ID : 75189753372  
Option 3 ID : 75189753370  
Option 4 ID : 75189753371  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.38** The sum of two numbers is 205. If one of these numbers is reduced by 5% and the other is increased by 10%, the resulting numbers are equal to each other. Find the smaller of the two initial numbers.

- Ans**
- ✓ 1. 95
  - ✗ 2. 100
  - ✗ 3. 105
  - ✗ 4. 110

Question ID : 75189713287

Option 1 ID : 75189753145

Option 2 ID : 75189753147





Option 3 ID : 75189753148

Option 4 ID : 75189753146

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.39** The symbol for resistance (R) is denoted with \_\_\_\_\_.

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

Question ID : 75189713783

Option 1 ID : 75189755131

Option 2 ID : 75189755130

Option 3 ID : 75189755132

Option 4 ID : 75189755129

Status : **Answered**

Chosen Option : 3

**Q.40** Refer to the following letter, number, symbol series and answer the question.

(Left) Z & U P # 2 9 ! 3 B @ 7 4 S L 5 T 8 5 \* X (Right)

If all the numbers are dropped from the series, which of the following will be tenth from the left?

- Ans**
- ✗ 1. \*
  - ✓ 2. L
  - ✗ 3. T
  - ✗ 4. S

Question ID : 75189715175

Option 1 ID : 75189760698

Option 2 ID : 75189760697

Option 3 ID : 75189760699

Option 4 ID : 75189760700

Status : **Answered**

Chosen Option : 2

**Q.41** Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

During winters, the sky is very clear at night.

Assumptions:

- I. The sun sets early in the winter months.
- II. During winter, it even rains.

- Ans**
- 1. Neither assumptions I nor II is implicit
  - 2. Both assumptions I and II are implicit
  - 3. Only assumption I is implicit
  - 4. Only assumption II is implicit

Question ID : 75189715331  
Option 1 ID : 75189761323  
Option 2 ID : 75189761324  
Option 3 ID : 75189761321  
Option 4 ID : 75189761322  
Status : Answered  
Chosen Option : 3

**Q.42** Which is the smallest fraction among the options given below?

- Ans**
- 1.  $\frac{1981}{150}$
  - 2.  $\frac{1981}{155}$
  - 3.  $\frac{1981}{153}$
  - 4.  $\frac{1981}{152}$

Question ID : 75189713259  
Option 1 ID : 75189753033  
Option 2 ID : 75189753036  
Option 3 ID : 75189753034  
Option 4 ID : 75189753035  
Status : Answered  
Chosen Option : 2

**Q.43** Who among the following was one of the recipients of the Major Dhyan Chand Khel Ratna Award 2021?

- Ans**
- 1. Neeraj Chopra
  - 2. Mary Kom
  - 3. Jwala Gutta
  - 4. Virat Kohli

Question ID : 75189713970  
Option 1 ID : 75189755880  
Option 2 ID : 75189755877  
Option 3 ID : 75189755878  
Option 4 ID : 75189755879  
Status : Answered

Q.44 Precipitation reactions are a specific class of \_\_\_\_\_.

- Ans
- 1. combination reactions
  - 2. double displacement reactions
  - 3. redox reactions
  - 4. Decomposition reactions

Question ID : 75189712787  
Option 1 ID : 75189751147  
Option 2 ID : 75189751146  
Option 3 ID : 75189751148  
Option 4 ID : 75189751145  
Status : **Not Answered**  
Chosen Option : --

Q.45 If today is Monday the 22nd of January 2020, then what date and day will it be after 100 days from today?

- Ans
- 1. 3 May 2020, Thursday
  - 2. 1 May 2020, Wednesday
  - 3. 1 May 2020, Monday
  - 4. 2 May 2020, Wednesday

Question ID : 75189713574  
Option 1 ID : 75189754295  
Option 2 ID : 75189754296  
Option 3 ID : 75189754293  
Option 4 ID : 75189754294  
Status : **Answered**  
Chosen Option : 2

Q.46 Find the value of n, when  $2^{-7} \times 2^{3n+4} = 2^{11} \div 2^5$ .

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

Question ID : 75189712898  
Option 1 ID : 75189751589  
Option 2 ID : 75189751591  
Option 3 ID : 75189751592  
Option 4 ID : 75189751590  
Status : **Answered**  
Chosen Option : 3

Q.47 What is the habitat of the Musk Deer?

- Ans
- 1. High alpine environments above altitudes of 2500 m
  - 2. Plains of the Ganga below altitudes of 500 m
  - 3. Western Ghat
  - 4. Thar desert

Question ID : 75189715466

Option 1 ID : 75189761863

Option 2 ID : 75189761864

Option 3 ID : 75189761862

Option 4 ID : 75189761861

Status : Answered

Chosen Option : 1

Q.48 How many such pairs of letters are there in the word **PLATE** (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

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

Question ID : 75189711526

Option 1 ID : 75189746102

Option 2 ID : 75189746101

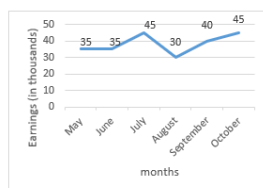
Option 3 ID : 75189746103

Option 4 ID : 75189746104

Status : Answered

Chosen Option : 2

Q.49 The following graph shows the earnings of Mr. Rajesh from his grocery shop, over the months. Study the graph and answer the question.



What is the respective ratio of the total earnings in May, June and July together to the total earnings in August, September and October together?

- Ans
- 1. 1 : 1
  - 2. 2 : 1
  - 3. 11 : 21
  - 4. 1 : 2

Question ID : 75189715199

Option 1 ID : 75189760793

Option 2 ID : 75189760794

Option 3 ID : 75189760795

Option 4 ID : 75189760796

Status : Answered

Chosen Option : 1

**Q.50** Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Pots are Mud.  
Some Flowers are Mud.  
All Mud are Worms.

**Conclusions:**

(I) Some Flowers are Worms.  
(II) Some Pots are Flowers.

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

Question ID : 75189714608  
Option 1 ID : 75189758432  
Option 2 ID : 75189758430  
Option 3 ID : 75189758429  
Option 4 ID : 75189758431  
Status : Answered  
Chosen Option : 3

**Q.51** In Jainism, who is a Tirthankara?

- Ans**  1.  
A saviour and spiritual teacher of the dharma who teaches the way to moksha, or liberation.  
 2.  
A person who believes in one God and one spirit and believes in rebirth.  
 3. A person who never believes in God.  
 4. A group of pilgrims.

Question ID : 75189715426  
Option 1 ID : 75189761704  
Option 2 ID : 75189761702  
Option 3 ID : 75189761701  
Option 4 ID : 75189761703  
Status : Answered  
Chosen Option : 1

**Q.52** Find the area of a triangle whose sides measure 42 cm, 36 cm and 34 cm, respectively.

- Ans**  1.  $112\sqrt{110}\text{cm}^2$   
 2.  $56\sqrt{110}\text{cm}^2$   
 3.  $14\sqrt{55}\text{cm}^2$   
 4.  $28\sqrt{55}\text{cm}^2$

Question ID : 75189712084  
Option 1 ID : 75189748334  
Option 2 ID : 75189748333  
Option 3 ID : 75189748336  
Option 4 ID : 75189748335  
Status : Answered  
Chosen Option : 2

**Q.53** A statement is given followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement:  $P < Q < R \leq S = T \leq U$

**Conclusions:**

1)  $Q \leq T$

2)  $T > U$

3)  $Q \leq U$

4)  $S \leq U$

**Ans**  1. 3

2. 4

3. 1

4. 2

Question ID : 75189713188

Option 1 ID : 75189752751

Option 2 ID : 75189752752

Option 3 ID : 75189752749

Option 4 ID : 75189752750

Status : Answered

Chosen Option : 2

**Q.54** A beam of light after passing through a concave lens appears to diverge from a point 25 cm behind the lens. The power of the lens is

**Ans**  1. + 0.25 D

2. - 0.25 D

3. + 4 D

4. - 4 D

Question ID : 75189712202

Option 1 ID : 75189748808

Option 2 ID : 75189748806

Option 3 ID : 75189748805

Option 4 ID : 75189748807

Status : Answered

Chosen Option : 2

**Q.55** Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

48 : 16 :: 96 : ? :: 108 : 21

**Ans**  1. 22

2. 21

3. 20

4. 23

Question ID : 75189713699

Option 1 ID : 75189754794

Option 2 ID : 75189754795

Option 3 ID : 75189754793

Option 4 ID : 75189754796

Status : Answered

Chosen Option : 2

**Q.56** Vinny starts from Point A and drives 8 km towards the east. He then takes a right turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 17 km. He takes a final left turn, drives 20 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

- Ans**
- 1. 6 km towards the north
  - 2. 2 km towards the south
  - 3. 8 km towards the south
  - 4. 4 km towards the east

Question ID : 75189715390  
Option 1 ID : 75189761558  
Option 2 ID : 75189761560  
Option 3 ID : 75189761559  
Option 4 ID : 75189761557  
Status : Answered  
Chosen Option : 3

**Q.57** In  $\triangle ABC$ ,  $\overline{AD}$  bisects  $\angle A$  and D is a point on  $\overline{BC}$ . If  $m(\overline{AC}) = 4.2$  cm,  $m(\overline{BD}) = 4$  cm and  $m(\overline{BC}) = 7$  cm, then find  $m(\overline{AB})$ .

- Ans**
- 1. 5.2 cm
  - 2. 4.2 cm
  - 3. 4.8 cm
  - 4. 5.6 cm

Question ID : 75189713467  
Option 1 ID : 75189753865  
Option 2 ID : 75189753868  
Option 3 ID : 75189753867  
Option 4 ID : 75189753866  
Status : Answered  
Chosen Option : 4

**Q.58** According to Newland's Law of Octaves, every \_\_\_\_\_ element had properties similar to that of the first element

- Ans**
- 1. fourth
  - 2. eighth
  - 3. seventh
  - 4. sixth

Question ID : 75189715036  
Option 1 ID : 75189760144  
Option 2 ID : 75189760143  
Option 3 ID : 75189760142  
Option 4 ID : 75189760141  
Status : Answered  
Chosen Option : 2

Q.59 Which incident intensified British control over India's foreign trade?

- Ans
- 1. Building railways
  - 2. Drainage of Indian wealth
  - 3. British's monopoly on foreign trade
  - 4. Opening of Suez Canal

Question ID : 7518977239

Option 1 ID : 75189728954

Option 2 ID : 75189728955

Option 3 ID : 75189728956

Option 4 ID : 75189728953

Status : Answered

Chosen Option : 1

Q.60 Subject Expert Committee (SEC) on COVID-19, India, has recommended which of the following vaccines for phase II/III clinical trial in the age group 2 to 18 Years in May 2021?

- Ans
- 1. Covishield
  - 2. Covaxin
  - 3. Sputnik light vaccine
  - 4. Corbevax

Question ID : 75189710416

Option 1 ID : 75189741664

Option 2 ID : 75189741662

Option 3 ID : 75189741661

Option 4 ID : 75189741663

Status : Not Answered

Chosen Option : --

Q.61 Six students, A, B, C, D, E and F, participated in one of the International Mathematics Olympiad. Each of them scored different marks. C scored more than D but less than B. E scored less than A. B scored more than A but less than F. C scored less than E. Who scored the maximum marks among the given students?

- Ans
- 1. E
  - 2. A
  - 3. F
  - 4. B

Question ID : 7518974965

Option 1 ID : 75189719860

Option 2 ID : 75189719859

Option 3 ID : 75189719857

Option 4 ID : 75189719858

Status : Answered

Chosen Option : 3

**Q.62** Which of the following numbers will replace the question mark (?) in the given number series?

87, 88, 80, 107, 43, ?

- Ans**
- 1. 70
  - 2. 126
  - 3. 168
  - 4. 98

Question ID : 75189713647  
Option 1 ID : 75189754586  
Option 2 ID : 75189754587  
Option 3 ID : 75189754585  
Option 4 ID : 75189754588  
Status : Answered  
Chosen Option : 3

**Q.63** At present, the difference of the ages of a mother and son is 30 years. 15 years ago, the mother's age was twice the then age of the son. The present age (in years) of the mother is:

- Ans**
- 1. 75
  - 2. 90
  - 3. 45
  - 4. 60

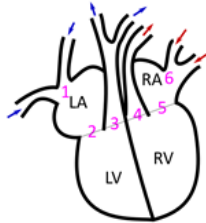
Question ID : 75189713368  
Option 1 ID : 75189753469  
Option 2 ID : 75189753472  
Option 3 ID : 75189753470  
Option 4 ID : 75189753471  
Status : Answered  
Chosen Option : 3

**Q.64** Which of the following statements about carbon is correct?

- Ans**
- 1. Carbon is metalloid in nature.
  - 2. Carbon is a noble gas.
  - 3. Carbon is non-metal in nature.
  - 4. Carbon is metal in nature.

Question ID : 75189714986  
Option 1 ID : 75189759943  
Option 2 ID : 75189759944  
Option 3 ID : 75189759941  
Option 4 ID : 75189759942  
Status : Answered  
Chosen Option : 3

Q.65 The following figure shows the human heart. LA = left auricle; LV = left ventricle;  
RA = right auricle; RV = right ventricle. Where are the valves located?



- Ans
- 1. At all positions: 1, 2, 3, 4, 5 and 6
  - 2. At positions 1, 2, 4 and 6
  - 3. At positions 2, 3, 4 and 5
  - 4. At positions 4, 5 and 6

Question ID : 75189710102  
Option 1 ID : 75189740408  
Option 2 ID : 75189740405  
Option 3 ID : 75189740406  
Option 4 ID : 75189740407  
Status : Not Answered  
Chosen Option : --

Q.66 Town Q is to the south-east of Town P. Town R is to the south-west of Town Q. Town R is to the south of Town P. Town S is to the west of Town R. What is the direction of Town P with respect to Town S?

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

Question ID : 75189715366  
Option 1 ID : 75189761463  
Option 2 ID : 75189761462  
Option 3 ID : 75189761461  
Option 4 ID : 75189761464  
Status : Answered  
Chosen Option : 4

Q.67 \_\_\_\_\_ में, भारत सरकार द्वारा कुछ निश्चित आवश्यकताओं की पूर्ति करने वाली भारतीय भाषाओं को

"शास्त्रीय भाषा" घोषित करने का निर्णय लिया गया था।

- Ans
- 1. 2010
  - 2. 2008
  - 3. 2004
  - 4. 2006

Question ID : 75189715416  
Option 1 ID : 75189761664  
Option 2 ID : 75189761663  
Option 3 ID : 75189761661  
Option 4 ID : 75189761662  
Status : Answered  
Chosen Option : 3

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

$$18.01 \times 3.99 + 9.99 \times 3.99 = ?$$

- Ans**
- 1. 92
  - 2. 112
  - 3. 122
  - 4. 84

Question ID : 75189712716  
Option 1 ID : 75189750861  
Option 2 ID : 75189750862  
Option 3 ID : 75189750864  
Option 4 ID : 75189750863  
Status : Answered  
Chosen Option : 2

**Q.69** The LCM of two numbers is 14 times their HCF. If one of the numbers is 36 and the sum of the LCM and the HCF is 270, then the other number is:

- Ans**
- 1. 126
  - 2. 144
  - 3. 252
  - 4. 234

Question ID : 75189712934  
Option 1 ID : 75189751734  
Option 2 ID : 75189751733  
Option 3 ID : 75189751735  
Option 4 ID : 75189751736  
Status : Answered  
Chosen Option : 1

**Q.70** Which of the following events is known as the Calcutta killings?

- Ans**
- 1. Quit India movement
  - 2. Direct action day
  - 3. Salt satyagraha
  - 4. Bengal satyagraha

Question ID : 7518977460  
Option 1 ID : 75189729838  
Option 2 ID : 75189729839  
Option 3 ID : 75189729840  
Option 4 ID : 75189729837  
Status : Answered  
Chosen Option : 4

Q.71 Which of the following is NOT one of the determinants of demand?

- Ans
- 1. Future expectation to change in price
  - 2. Income of consumer
  - 3. Price of goods
  - 4. Taste and preference of seller

Question ID : 75189714062

Option 1 ID : 75189756246

Option 2 ID : 75189756248

Option 3 ID : 75189756245

Option 4 ID : 75189756247

Status : Not Answered

Chosen Option : --

Q.72 Seven people (E, F, G, H, I, J and K), are sitting in a straight row, facing north. Only three people sit between E and I. Only two people sit to the right of J. E sits third to the left of J. H is an immediate neighbour of E and G. K is not an immediate neighbour of E. Who sits in the exact middle position of the row?

- Ans
- 1. J
  - 2. H
  - 3. I
  - 4. G

Question ID : 75189713516

Option 1 ID : 75189754063

Option 2 ID : 75189754062

Option 3 ID : 75189754064

Option 4 ID : 75189754061

Status : Answered

Chosen Option : 4

Q.73 A and B can do a piece of work in 9 days and 12 days, respectively. A starts the work and they work on alternate days. They can finish the work in:

- Ans
- 1.  $11\frac{1}{4}$  days
  - 2. 11 days
  - 3.  $10\frac{1}{4}$  days
  - 4.  $10\frac{2}{7}$  days

Question ID : 75189713435

Option 1 ID : 75189753738

Option 2 ID : 75189753737

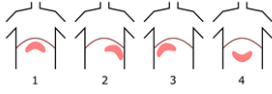
Option 3 ID : 75189753740

Option 4 ID : 75189753739

Status : Answered

Chosen Option : 3

**Q.74** Which figure shows the correct location of the liver (shown as the pink shape) in the human body (given that the person is facing you, the reader)?



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

Question ID : 75189710077  
Option 1 ID : 75189740308  
Option 2 ID : 75189740305  
Option 3 ID : 75189740306  
Option 4 ID : 75189740307  
Status : Answered  
Chosen Option : 4

**Q.75** Find the value of  $(3 + 11) \times 4 \div (6 + 1) - 21$ .

- Ans**
- 1. 15
  - 2. 13
  - 3. -13
  - 4. -15

Question ID : 75189712892  
Option 1 ID : 75189751565  
Option 2 ID : 75189751568  
Option 3 ID : 75189751567  
Option 4 ID : 75189751566  
Status : Answered  
Chosen Option : 3

**Q.76** A group of numbers/symbols is coded using letters as per the table given below and the conditions that follow. The correct combination of codes following the conditions is your answer.

|                |   |   |   |   |   |    |   |   |   |   |   |   |   |   |
|----------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|
| Number /symbol | 2 | % | 4 | 3 | 5 | \$ | @ | 9 | # | + | 8 | ^ | 7 | 9 |
| Code Letter    | L | D | B | S | G | A  | H | K | L | Z | F | X | Q | Y |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ☉.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for S 2 3 % 4 ?

- Ans**
- 1. ASLDB
  - 2. BLDSA
  - 3. ALSDB
  - 4. BLSDA

Question ID : 75189711052  
 Option 1 ID : 75189744206  
 Option 2 ID : 75189744205  
 Option 3 ID : 75189744207  
 Option 4 ID : 75189744208  
 Status : Not Answered  
 Chosen Option : --

**Q.77** The valency of carbon is \_\_\_\_.

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

Question ID : 75189714659  
 Option 1 ID : 75189758634  
 Option 2 ID : 75189758635  
 Option 3 ID : 75189758636  
 Option 4 ID : 75189758633  
 Status : Answered  
 Chosen Option : 3

**Q.78** Which of the following numbers will replace the question mark (?) in the given series?

2 1.5 1.1 0.8 0.6 ?

- Ans**
- 1. 0.4
  - 2. 0.3
  - 3. 0.5
  - 4. 0.6

Question ID : 75189712678  
 Option 1 ID : 75189750709  
 Option 2 ID : 75189750712  
 Option 3 ID : 75189750710  
 Option 4 ID : 75189750711  
 Status : Answered

Q.79 The following is the data for an image formed by a convex mirror:

Object distance = 30 cm,

Size of object = 10 cm,

Size of image = 2.5 cm,

The focal length of this mirror is \_\_\_\_\_.

- Ans
- 1. 30 cm
  - 2. 20 cm
  - 3. 15 cm
  - 4. 10 cm

Question ID : 75189715091

Option 1 ID : 75189760364

Option 2 ID : 75189760362

Option 3 ID : 75189760363

Option 4 ID : 75189760361

Status : Answered

Chosen Option : 3

Q.80 Which of the following statements about fundamental duties of the Indian Constitution is correct?

- Ans
- 1. To preserve the biodiversity is a fundamental duty
  - 2. To make compulsory education to children of 6 to 14 years as our fundamental duty
  - 3. To obey parents is a fundamental duty
  - 4. To save money for future is a fundamental duty

Question ID : 75189715470

Option 1 ID : 75189761879

Option 2 ID : 75189761877

Option 3 ID : 75189761878

Option 4 ID : 75189761880

Status : Answered

Chosen Option : 1

Q.81 Article \_\_\_\_\_ of the Constitution which enshrines one of the Directive Principles of State Policy, lays down that the State shall take steps to organise village panchayats and endow them with such powers and authority as may be necessary to enable them to function as units of self-government.

- Ans
- 1. 37
  - 2. 40
  - 3. 48
  - 4. 31

Question ID : 75189715479  
Option 1 ID : 75189761914  
Option 2 ID : 75189761915  
Option 3 ID : 75189761916  
Option 4 ID : 75189761913  
Status : Not Answered  
Chosen Option : --

Q.82 A perfect pair of sex chromosomes is found in:

- Ans
- 1. human women
  - 2. starfish
  - 3. human men
  - 4. snakes

Question ID : 75189714874  
Option 1 ID : 75189759495  
Option 2 ID : 75189759494  
Option 3 ID : 75189759496  
Option 4 ID : 75189759493  
Status : Not Answered  
Chosen Option : --

Q.83 Train A leaves station M at 6.00 a.m. and reaches station N at 2.00 p.m. on the same day. Train B leaves station N at 8.00 a.m. and reaches station M at 3.00 p.m. on the same day. Find the time when Trains A and B meet.

- Ans
- 1. 11.00 a.m.
  - 2. 10.48 a.m.
  - 3. 10.45 a.m.
  - 4. 10.55 a.m.

Question ID : 75189713325  
Option 1 ID : 75189753298  
Option 2 ID : 75189753297  
Option 3 ID : 75189753300  
Option 4 ID : 75189753299  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.84** Eight friends are sitting around a square table facing the centre. Four of them are sitting at the corners and remaining four are sitting at the exact middle of the four sides. Arhaan is sitting to the immediate left of Sunita. Hari is sitting fourth to the left of Tarini. Tarini is second to the left of Arhaan. Only Daisy is sitting between Tarini and Neelima . Only Prashant is sitting between Hari and Neelima. Yash is sitting fourth to the left of Prashant. Who amongst the following has Tarini and Arhaan as the immediate neighbours?

- Ans**
- 1. Neelima
  - 2. Prashant
  - 3. Daisy
  - 4. Yash

Question ID : 75189714163  
Option 1 ID : 75189756649  
Option 2 ID : 75189756652  
Option 3 ID : 75189756651  
Option 4 ID : 75189756650  
Status : Answered  
Chosen Option : 4

**Q.85** If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 94387251, what will be the sum of the first, fifth and last digits in the new number thus formed?

- Ans**
- 1. 14
  - 2. 12
  - 3. 11
  - 4. 10

Question ID : 75189713059  
Option 1 ID : 75189752236  
Option 2 ID : 75189752233  
Option 3 ID : 75189752235  
Option 4 ID : 75189752234  
Status : Answered  
Chosen Option : 1

**Q.86** Lokapavani and Bhavani are tributaries of the River \_\_\_\_\_.

- Ans**
- 1. Cauvery
  - 2. Godavari
  - 3. Krishna
  - 4. Mahanadi

Question ID : 75189715460  
Option 1 ID : 75189761837  
Option 2 ID : 75189761840  
Option 3 ID : 75189761838  
Option 4 ID : 75189761839  
Status : Not Answered  
Chosen Option : --

**Q.87** The resistivity of a material of length 5 m is  $1.6 \times 10^{-8}$  ohm-m. If the length of the material is increased by 10 m, then the value of resistivity is \_\_\_\_\_.

- Ans**
- 1.  $12.4 \times 10^{-8}$
  - 2.  $0.8 \times 10^{-8}$
  - 3.  $3.2 \times 10^{-8}$
  - 4.  $1.6 \times 10^{-8}$

Question ID : 75189713795  
Option 1 ID : 75189755180  
Option 2 ID : 75189755179  
Option 3 ID : 75189755177  
Option 4 ID : 75189755178  
Status : Answered  
Chosen Option : 3

**Q.88** Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Lipsticks are Red.  
Some Red are Pink.  
All Lipsticks are Colours.

**Conclusions:**

(I) Some Lipsticks are Pink.  
(II) Some Colours are Red.

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

Question ID : 75189714617  
Option 1 ID : 75189758468  
Option 2 ID : 75189758465  
Option 3 ID : 75189758467  
Option 4 ID : 75189758466  
Status : Answered  
Chosen Option : 4

**Q.89** Which of the following is divisible by 4?

- Ans**
- 1. 2124
  - 2. 2125
  - 3. 2123
  - 4. 2122

Question ID : 75189712915  
Option 1 ID : 75189751659  
Option 2 ID : 75189751660  
Option 3 ID : 75189751658  
Option 4 ID : 75189751657  
Status : Answered  
Chosen Option : 1

Q.90 Arrange the following metals in the correct order of reactivity.

K, Al, Fe, Au, Pb

- Ans
- 1.  $K > Al > Pb > Fe > Au$
  - 2.  $K > Al > Fe > Pb > Au$
  - 3.  $K > Al > Fe > Au > Pb$
  - 4.  $K > Fe > Al > Pb > Au$

Question ID : 75189712753  
Option 1 ID : 75189751009  
Option 2 ID : 75189751011  
Option 3 ID : 75189751012  
Option 4 ID : 75189751010  
Status : Answered  
Chosen Option : 1

Q.91 Find the measure of each interior angle of a regular hexagon.

- Ans
- 1.  $135^\circ$
  - 2.  $45^\circ$
  - 3.  $120^\circ$
  - 4.  $80^\circ$

Question ID : 75189712092  
Option 1 ID : 75189748365  
Option 2 ID : 75189748366  
Option 3 ID : 75189748368  
Option 4 ID : 75189748367  
Status : Answered  
Chosen Option : 2

Q.92 According to clause (2) of \_\_\_\_\_ of the Constitution of India, the President of India appoints the Chief Justice of India.

- Ans
- 1. Article 127
  - 2. Article 121
  - 3. Article 124
  - 4. Article 118

Question ID : 75189712534  
Option 1 ID : 75189750136  
Option 2 ID : 75189750134  
Option 3 ID : 75189750135  
Option 4 ID : 75189750133  
Status : Not Answered  
Chosen Option : --

**Q.93** Under The National Air Sports Policy 2022 there will be \_\_\_\_\_-tier governance structure for air sports in India.

- Ans**
- 1. Six
  - 2. Three
  - 3. Four
  - 4. Two

Question ID : 75189712569  
Option 1 ID : 75189750276  
Option 2 ID : 75189750274  
Option 3 ID : 75189750273  
Option 4 ID : 75189750275  
Status : Not Answered  
Chosen Option : --

**Q.94** If  $\frac{5}{2}$  is a root of the equation  $4x^2 - mx + 25 = 0$ , then the value of  $m$  is:

- Ans**
- 1. 20
  - 2. 50
  - 3. 10
  - 4. 25

Question ID : 75189713382  
Option 1 ID : 75189753525  
Option 2 ID : 75189753527  
Option 3 ID : 75189753528  
Option 4 ID : 75189753526  
Status : Answered  
Chosen Option : 3

**Q.95** Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 11, 31)

(3, 9, 25)

- Ans**
- 1. (7, 11, 35)
  - 2. (2, 8, 19)
  - 3. (5, 13, 29)
  - 4. (6, 15, 43)

Question ID : 75189711624  
Option 1 ID : 75189746494  
Option 2 ID : 75189746496  
Option 3 ID : 75189746493  
Option 4 ID : 75189746495  
Status : Answered  
Chosen Option : 4

**Q.96** An object is placed in front of a concave lens of focal length 15 cm and an image is formed at 7.5 cm. Then the magnification of the lens is:

- Ans**
- ✓ 1. 0.50
  - ✗ 2. 1.5
  - ✗ 3. 0.75
  - ✗ 4. 1.25

Question ID : 75189712208  
Option 1 ID : 75189748830  
Option 2 ID : 75189748832  
Option 3 ID : 75189748831  
Option 4 ID : 75189748829  
Status : Answered  
Chosen Option : 1

**Q.97** Kamal is the father of Vishnu. The sum of their present ages is 60 years. If 6 years ago, Kamal's age was 5 times the then age of Vishnu, then find the present age (in years) of Vishnu.

- Ans**
- ✗ 1. 15
  - ✗ 2. 20
  - ✗ 3. 10
  - ✓ 4. 14

Question ID : 75189713369  
Option 1 ID : 75189753474  
Option 2 ID : 75189753475  
Option 3 ID : 75189753473  
Option 4 ID : 75189753476  
Status : Answered  
Chosen Option : 4

**Q.98** Which of the following acid-base pairs will produce a salt of ammonium chloride?

- Ans**
- ✗ 1.  $\text{HNO}_3 - \text{NH}_4\text{OH}$
  - ✗ 2.  $\text{H}_2\text{SO}_4 - \text{NH}_4\text{OH}$
  - ✓ 3.  $\text{HCl} - \text{NH}_4\text{OH}$
  - ✗ 4.  $\text{HCl} - \text{NaOH}$

Question ID : 75189712788  
Option 1 ID : 75189751151  
Option 2 ID : 75189751152  
Option 3 ID : 75189751150  
Option 4 ID : 75189751149  
Status : Answered  
Chosen Option : 3

**Q.99** This question is based on the five, three-digit numbers given below.

(Left) 567 243 186 689 427 (Right)

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

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

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

- Ans**
- 1. 12
  - 2. 11
  - 3. 10
  - 4. 13

Question ID : 75189711044  
Option 1 ID : 75189744175  
Option 2 ID : 75189744174  
Option 3 ID : 75189744173  
Option 4 ID : 75189744176  
Status : Answered  
Chosen Option : 2

**Q.100** In February 2022, which service provider announced that it will land its next generation multi-terabit India-Asia-Xpress (IAX) undersea cable system in Hulhumale, Maldives?

- Ans**
- 1. Bharti Airtel Limited
  - 2. Reliance Jio Infocomm Limited
  - 3. Reliance Communications Limited
  - 4. Vodafone Idea Limited