



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 Arunodaya Nagar
Test Date	23/08/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

\* Note

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

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

Section : Level 1

**Q.1** Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, decide which of the given conclusions logically follow(s) from the statement.

**Statement:**

In a recent survey on choice of drink, 65 percent of the people preferred tea, 28 percent preferred coffee, 5 percent preferred milk, while 2 percent were neutral.

**Conclusions:**

- Tea is a better drink than coffee.
- More people prefer to drink coffee as compared to milk.

Ans

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

Question ID : 7518976414  
Option 1 ID : 75189725654  
Option 2 ID : 75189725656  
Option 3 ID : 75189725655  
Option 4 ID : 75189725653

Status : Answered

Chosen Option : 2

Q.2 In which direction does a freely suspended bar magnet point?

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

Question ID : 7518975508  
Option 1 ID : 75189722032  
Option 2 ID : 75189722030  
Option 3 ID : 75189722031  
Option 4 ID : 75189722029  
Status : Answered  
Chosen Option : 1

Q.3 If the average of 5 consecutive even numbers is 10, then find the number at the centre when these five numbers are arranged in ascending order.

- Ans
- 1. 20
  - 2. 14
  - 3. 12
  - 4. 10

Question ID : 7518975891  
Option 1 ID : 75189723561  
Option 2 ID : 75189723562  
Option 3 ID : 75189723564  
Option 4 ID : 75189723563  
Status : Answered  
Chosen Option : 4

Q.4 Which of the following features is correct regarding the federal system of the Indian Constitution?

- Ans
- 1. Dual government
  - 2. Equal representation of all states in the lower house of parliament
  - 3. Equal representation of all states in the upper house of parliament
  - 4. Dual citizenship

Question ID : 7518974297  
Option 1 ID : 75189717185  
Option 2 ID : 75189717187  
Option 3 ID : 75189717188  
Option 4 ID : 75189717186  
Status : Answered  
Chosen Option : 2

**Q.5** P, Q and R jointly start a business. It was agreed that P would invest ₹25,000 for 6 months, Q ₹44,000 for 5 months and R ₹50,000 for 3 months. Out of total profit of ₹1,04,000, the amount received by P will be:

- Ans**
- ✓ 1. ₹30,000
  - ✗ 2. ₹27,900
  - ✗ 3. ₹40,920
  - ✗ 4. ₹33,780

Question ID : 7518976057  
Option 1 ID : 75189724228  
Option 2 ID : 75189724226  
Option 3 ID : 75189724225  
Option 4 ID : 75189724227  
Status : Answered  
Chosen Option : 1

**Q.6** Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

GRM-2, EPK-6, CNI-14, ALG-30, ?

- Ans**
- ✗ 1. YJF-64
  - ✗ 2. YKE-62
  - ✗ 3. XJE-60
  - ✓ 4. YJE-62

Question ID : 7518975216  
Option 1 ID : 75189720864  
Option 2 ID : 75189720862  
Option 3 ID : 75189720861  
Option 4 ID : 75189720863  
Status : Answered  
Chosen Option : 4

Q.7

The Indian Constitution includes borrowed features from how many countries?

Ans

1. 06

2. 13

3. 10

4. 07

Question ID : 7518973918

Option 1 ID : 75189715672

Option 2 ID : 75189715669

Option 3 ID : 75189715671

Option 4 ID : 75189715670

Status : Not Answered

Chosen Option : --

Q.8 If the area of an equilateral triangle is  $25\sqrt{3}$  cm<sup>2</sup>, then the length of each side of the triangle is:

Ans  1. 12 cm

2. 5 cm

3. 8 cm

4. 10 cm

Question ID : 7518975986

Option 1 ID : 75189723944

Option 2 ID : 75189723941

Option 3 ID : 75189723942

Option 4 ID : 75189723943

Status : Answered

Chosen Option : 4

**Q.9** 7 friends decided not to eat sweets on one day of their choice in the same week starting on Sunday and ending on Saturday. No one selected the same day of the week. P selected Saturday. Q selected Wednesday. R said that he will select the day immediately before P. S decided to select any available day between P's and Q's selection. T selected Sunday. U said that he will select the day immediately before Q. Which day is left for V to select?

- Ans**
- 1. Tuesday
  - 2. Monday
  - 3. Wednesday
  - 4. Thursday

Question ID : 7518974722  
Option 1 ID : 75189718886  
Option 2 ID : 75189718885  
Option 3 ID : 75189718887  
Option 4 ID : 75189718888  
Status : Answered  
Chosen Option : 2

**Q.10** Find the roots of  $\sqrt{2x + 9} + x = 13$ .

- Ans**
- 1. 4 and 20
  - 2. 2 and 8
  - 3. 20 and 8
  - 4. 8 and 6

Question ID : 7518975744  
Option 1 ID : 75189722975  
Option 2 ID : 75189722973  
Option 3 ID : 75189722976  
Option 4 ID : 75189722974  
Status : Answered  
Chosen Option : 3

**Q.11** Three statements are followed by four conclusions numbered I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

**Statements:**

1. No paint is fresco.
2. No fresco is lacquer.
3. Some paints are lacquers.

**Conclusions:**

- I. No lacquer is paint.
- II. No lacquer is fresco.
- III. Some frescos are paints.
- IV. All lacquers are paints.

- Ans** ✓ 1. Only conclusion II follows.  
✗ 2. Only conclusion IV follows.  
✗ 3. Only conclusions I and IV follow  
✗ 4. Only conclusions I and II follow

Question ID : 7518974750  
Option 1 ID : 75189718998  
Option 2 ID : 75189719000  
Option 3 ID : 75189718999  
Option 4 ID : 75189718997

Status : Answered

Chosen Option : 1

**Q.12** The sum of the ages of a mother, son and daughter is 70 years. If the mother is thrice as old as her son, and the daughter is 5 years older than her brother, how old is the mother?

- Ans** ✓ 1. 39 years  
✗ 2. 35 years  
✗ 3. 42 years  
✗ 4. 45 years

Question ID : 7518975720  
Option 1 ID : 75189722878  
Option 2 ID : 75189722877  
Option 3 ID : 75189722879  
Option 4 ID : 75189722880

Status : Answered

Chosen Option : 1

Q.13 Refer to the given letter and symbol series and answer the question that follows.

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

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

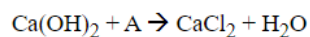
- Ans
- 1. 3
  - 2. 2
  - 3. 1
  - 4. 4

Question ID : 7518975006  
Option 1 ID : 75189720023  
Option 2 ID : 75189720022  
Option 3 ID : 75189720021  
Option 4 ID : 75189720024

Status : Answered

Chosen Option : 2

Q.14 Which of the following reactants will come in place of A and give a neutralisation reaction?



- Ans
- 1. Sulphuric acid
  - 2. Nitric acid
  - 3. Hydrochloric acid
  - 4. Acetic acid

Question ID : 7518973448  
Option 1 ID : 75189713790  
Option 2 ID : 75189713792  
Option 3 ID : 75189713789  
Option 4 ID : 75189713791

Status : Answered

Chosen Option : 3

Q.15 A convex lens forms a real and inverted image twice the size of the object. The magnification produced by the lens is equal to:

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

Question ID : 7518975393  
Option 1 ID : 75189721571  
Option 2 ID : 75189721570  
Option 3 ID : 75189721569  
Option 4 ID : 75189721572

Status : Answered

Chosen Option : 2

Q.16

In February 2022, Patanjali launched a co-branded contactless credit card with which bank?

Ans

- 1. Axis Bank
- 2. State Bank of India
- 3. Punjab National Bank
- 4. HDFC Bank

Question ID : 7518973867

Option 1 ID : 75189715467

Option 2 ID : 75189715465

Option 3 ID : 75189715466

Option 4 ID : 75189715468

Status : Not Answered

Chosen Option : --

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

Statement I: Law of Octaves was applicable only up to calcium.

Statement II: After calcium, every eighth element did not possess properties similar to that of the first.

Ans  1.

Both statements are correct. Statement II is correct explanation of Statement I.

- 2. Only Statement I is correct.
- 3. Only Statement II is correct.
- 4. Both Statements are correct. Statement I is correct explanation of Statement II.

Question ID : 7518973709

Option 1 ID : 75189714833

Option 2 ID : 75189714835

Option 3 ID : 75189714836

Option 4 ID : 75189714834

Status : Not Answered

Chosen Option : --



**Q.18** Which of the following statements is/are true for a number of resistors connected in parallel combination?

- (i) All the resistors are connected between two given points.
- (ii) The equivalent resistance of the circuit is more than the individual resistance.
- (iii) The potential difference across each resistor is same.

- Ans**
- 1. Only (iii)
  - 2. Both (i) and (iii)
  - 3. Only (i)
  - 4. Both (i) and (ii)

Question ID : 7518975482  
Option 1 ID : 75189721926  
Option 2 ID : 75189721927  
Option 3 ID : 75189721925  
Option 4 ID : 75189721928  
Status : Answered  
Chosen Option : 2

**Q.19** Which of the following statements is/are true for a current carrying straight conductor?

- (i) The magnetic field lines are concentric circles with conductor at the centre.
- (ii) The strength of the magnetic field increases as we move away from the conductor.
- (iii) The direction of magnetic field can be determined using right hand thumb rule.

- Ans**
- 1. Both (i) and (ii)
  - 2. Both (i) and (iii)
  - 3. Only (i)
  - 4. Only (ii)

Question ID : 7518975522  
Option 1 ID : 75189722087  
Option 2 ID : 75189722088  
Option 3 ID : 75189722085  
Option 4 ID : 75189722086  
Status : Answered  
Chosen Option : 2

**Q.20** Who bagged the women's singles title at Syed Modi International Badminton Tournament, 2022?

**Ans**

- ✓ 1. PV Sindhu
- ✗ 2. Ameeta Singh
- ✗ 3. Saina Nehwal
- ✗ 4. Jwala Gutta

Question ID : 7518973755  
 Option 1 ID : 75189715017  
 Option 2 ID : 75189715020  
 Option 3 ID : 75189715018  
 Option 4 ID : 75189715019  
 Status : Answered  
 Chosen Option : 1

**Q.21** In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/Symbol	&	5	9	#	6	%	8
Codes	S	D	M	U	T	L	A

Conditions:

- (i) If the first element is an even number and the last element is also an even number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the second element is an even number and the fifth element is a symbol, the codes for these two (the second and the fifth elements) are to be interchanged.
- (iii) If the fourth element is a symbol and the sixth element is also a symbol, both these elements (the fourth and the sixth elements) are to be coded as N.

Question: 8 5 & % 9 # 6 9

- Ans**
- ✗ 1. MDSNMNTA
  - ✗ 2. ADSLMUTM
  - ✗ 3. AMSNDNTM
  - ✓ 4. ADSNMNTM

Question ID : 7518975251  
 Option 1 ID : 75189721002  
 Option 2 ID : 75189721003  
 Option 3 ID : 75189721001  
 Option 4 ID : 75189721004  
 Status : Answered  
 Chosen Option : 4

Q.22 If  $48 : x :: x : 75$ , and  $x > 0$ , then what is the value of  $x$ ?

- Ans
- 1. 57
  - 2. 51
  - 3. 63
  - 4. 60

Question ID : 7518976265  
Option 1 ID : 75189725060  
Option 2 ID : 75189725058  
Option 3 ID : 75189725059  
Option 4 ID : 75189725057  
Status : Answered  
Chosen Option : 4

Q.23 What will come in place of the question mark (?) in the following equation, if '+' is interchanged with '×', and '×' is interchanged with '-'?

$$6 + 16 \times 4 + 8 - 8 + 2 \times 7 = ?$$

- Ans
- 1. 1
  - 2. 0
  - 3. -1
  - 4. 23

Question ID : 7518974887  
Option 1 ID : 75189719546  
Option 2 ID : 75189719545  
Option 3 ID : 75189719547  
Option 4 ID : 75189719548  
Status : Answered  
Chosen Option : 3

Q.24 Which of the following is an example of a virus?

- Ans
- 1. HIV
  - 2. Anthrax
  - 3. AIDS
  - 4. Elephantiasis

Question ID : 7518974426  
Option 1 ID : 75189717703  
Option 2 ID : 75189717702  
Option 3 ID : 75189717704  
Option 4 ID : 75189717701  
Status : Answered  
Chosen Option : 1

Q.25 Which one of the following river marks the eastern-most boundary of the Himalayas?

- Ans  1. Brahmaputra  
 2. Ganga  
 3. Godavari  
 4. Chambal

Question ID : 7518974070  
Option 1 ID : 75189716277  
Option 2 ID : 75189716278  
Option 3 ID : 75189716279  
Option 4 ID : 75189716280  
Status : Answered  
Chosen Option : 1

Q.26 If the surface area of a sphere is  $36\pi \text{ cm}^2$ , then the radius of the sphere is:

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

Question ID : 7518975970  
Option 1 ID : 75189723878  
Option 2 ID : 75189723879  
Option 3 ID : 75189723880  
Option 4 ID : 75189723877  
Status : Answered  
Chosen Option : 1

Q.27 If  $\tan \theta = 4$ , then the value of  $\frac{4 \cos \theta + 2 \sin \theta}{2 \sin \theta - \cos \theta}$  is:

- Ans  1.  $\frac{12}{5}$   
 2.  $\frac{12}{7}$   
 3.  $\frac{12}{8}$   
 4.  $\frac{12}{10}$

Question ID : 7518975995  
Option 1 ID : 75189723979  
Option 2 ID : 75189723978  
Option 3 ID : 75189723977  
Option 4 ID : 75189723980  
Status : Answered  
Chosen Option : 2

Q.28 What is the distance between the pole and focus of a spherical mirror?

- Ans
- 1.  $2R$
  - 2.  $R/4$
  - 3.  $R/2$
  - 4.  $R$

Question ID : 7518975370  
Option 1 ID : 75189721479  
Option 2 ID : 75189721480  
Option 3 ID : 75189721478  
Option 4 ID : 75189721477  
Status : Answered  
Chosen Option : 3

Q.29 Consider the below statements and identify the correct answer.

Statement I: Carbon has the unique ability to form bonds with other atoms of carbon, giving rise to large molecules.

Statement II: This property is called catenation.

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

Question ID : 7518973552  
Option 1 ID : 75189714205  
Option 2 ID : 75189714207  
Option 3 ID : 75189714208  
Option 4 ID : 75189714206  
Status : Answered  
Chosen Option : 1

Q.30 The value of  $4^2 + \sqrt{8^2} - 4\sqrt{25} - 10 =$

- Ans
- 1.  $-6$
  - 2.  $-32$
  - 3.  $12$
  - 4.  $-25$

Question ID : 7518975561  
Option 1 ID : 75189722241  
Option 2 ID : 75189722243  
Option 3 ID : 75189722244  
Option 4 ID : 75189722242  
Status : Answered  
Chosen Option : 1

**Q.31** A person has to cover a distance of 8 km in 1 hour. If he covers one-fourth of the distance in one-third of the total time, then what should his speed (in km/h) be to cover the remaining distance in the remaining time so that the person reaches the destination exactly on time?

- Ans**
- 1. 6
  - 2. 7
  - 3. 8
  - 4. 9

Question ID : 7518976291

Option 1 ID : 75189725164

Option 2 ID : 75189725163

Option 3 ID : 75189725162

Option 4 ID : 75189725161

Status : Answered

Chosen Option : 4

**Q.32** Six students, F, E, D, C, B and A, were studying around a square table in a college library, facing the centre. Four of them were sitting at the corners while two others were sitting at the exact centre of the sides. C and E were diagonally opposite to each other. A was not at any of the corner positions and was an immediate neighbour of both E and D. D was diagonally opposite to F. B was at the immediate right of F. No student sat between C and D as well as between E and F. Which student sat third to the left of B?

- Ans**
- 1. D
  - 2. C
  - 3. E
  - 4. A

Question ID : 7518974896

Option 1 ID : 75189719584

Option 2 ID : 75189719583

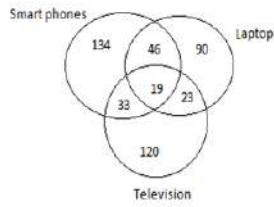
Option 3 ID : 75189719582

Option 4 ID : 75189719581

Status : Answered

Chosen Option : 4

**Q.33** Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons who use the electronic item.



How many people use both Laptop and Television?

- Ans**
- 1. 23
  - 2. 42
  - 3. 56
  - 4. 19

Question ID : 7518974943  
 Option 1 ID : 75189719769  
 Option 2 ID : 75189719770  
 Option 3 ID : 75189719772  
 Option 4 ID : 75189719771  
 Status : Answered  
 Chosen Option : 2

**Q.34** A and B undertake to complete a piece of work for ₹600. A alone can complete it in 4 days while B alone can complete it in 6 days. With the help of C, they finish the work in 2 days. Find the share of C in the payment received.

- Ans**
- 1. ₹100
  - 2. ₹200
  - 3. ₹300
  - 4. ₹78

Question ID : 7518976097  
 Option 1 ID : 75189724385  
 Option 2 ID : 75189724386  
 Option 3 ID : 75189724387  
 Option 4 ID : 75189724388  
 Status : Answered  
 Chosen Option : 1

**Q.35** \_\_\_\_\_ are used to make bidis.

- Ans**
- 1. Tendu leaves
  - 2. Tamarind leaves
  - 3. Oak leaves
  - 4. Coconut leaves

Question ID : 7518974509  
 Option 1 ID : 75189718034  
 Option 2 ID : 75189718033  
 Option 3 ID : 75189718036  
 Option 4 ID : 75189718035  
 Status : Answered  
 Chosen Option : 3

Q.36

In February 2022, who was appointed as Chairman of the Insolvency and Bankruptcy Board of India?

Ans

- 1. Krishnamurthy Subramanian
- 2. Shashank Saksena
- 3. Ravi Mittal
- 4. Anuradha Guru

Question ID : 7518973854

Option 1 ID : 75189715416

Option 2 ID : 75189715413

Option 3 ID : 75189715414

Option 4 ID : 75189715415

Status : Not Answered

Chosen Option : --

Q.37

If the perimeter of a circle is  $\frac{88}{7}$  cm, then find the perimeter (in cm) of the square the length of each of whose sides is equal to the radius of the given circle. [Use  $\pi = \frac{22}{7}$ ]

Ans

- 1. 7
- 2. 8
- 3. 6
- 4. 9

Question ID : 7518975922

Option 1 ID : 75189723686

Option 2 ID : 75189723687

Option 3 ID : 75189723685

Option 4 ID : 75189723688

Status : Answered

Chosen Option : 2

Q.38

Which of following is NOT a part of the Dravidian language family's four largest languages?

Ans

- 1. Tamil
- 2. Malayalam
- 3. Sanskrit
- 4. Kannada

Question ID : 7518974189

Option 1 ID : 75189716754

Option 2 ID : 75189716756

Option 3 ID : 75189716755

Option 4 ID : 75189716753

Status : Not Answered

Chosen Option : --



**Q.39** Seven boxes, P, Q, R, S, T, U and V, are kept one over the other but not necessarily in the same order. Only three boxes are kept below R. S is immediately below Q. V is immediately below T. P is immediately above Q. S is third box from top. T is not immediately below R. Which is the third box from the bottom?

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

Question ID : 7518975163

Option 1 ID : 75189720651

Option 2 ID : 75189720649

Option 3 ID : 75189720652

Option 4 ID : 75189720650

Status : Answered

Chosen Option : 4

**Q.40** Eight friends, P, Q, R, S, T, U, V and W, are sitting around a square table facing the centre of the table. Four of them are sitting at the corners while the other four are sitting at the exact centre of the sides of the table. T is sitting at one of the corners. U is third to the right of T. S is to the immediate left of V. T is second to the right of V. Only U is between R and P. Only W is between T and R. Who is sitting to the immediate left of T?

- Ans**
- 1. P
  - 2. W
  - 3. R
  - 4. Q

Question ID : 7518975134

Option 1 ID : 75189720533

Option 2 ID : 75189720535

Option 3 ID : 75189720536

Option 4 ID : 75189720534

Status : Answered

Chosen Option : 4

**Q.41** The value of  $\sqrt{29\frac{4}{25}}$  is:

- Ans**
- 1. 5.4
  - 2. 5.5
  - 3. 5.6
  - 4. 5.2

Question ID : 7518976227

Option 1 ID : 75189724908

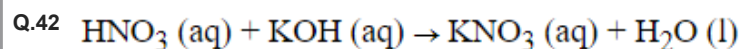
Option 2 ID : 75189724905

Option 3 ID : 75189724906

Option 4 ID : 75189724907

Status : Answered

Chosen Option : 1



The above reaction is an example of:

- Ans
- 1. redox reaction
  - 2. neutralisation reaction
  - 3. decomposition reaction
  - 4. combination reaction

Question ID : 7518973602  
Option 1 ID : 75189714407  
Option 2 ID : 75189714406  
Option 3 ID : 75189714405  
Option 4 ID : 75189714408  
Status : Answered  
Chosen Option : 3

Q.43

The Easter basket is related to which of the following religions?

- Ans
- 1. Islam
  - 2. Christianity
  - 3. Hinduism
  - 4. Sikhism

Question ID : 7518973812  
Option 1 ID : 75189715246  
Option 2 ID : 75189715248  
Option 3 ID : 75189715245  
Option 4 ID : 75189715247  
Status : Answered  
Chosen Option : 2

Q.44 The normal systolic and diastolic pressure in humans is \_\_\_\_\_, respectively.

- Ans
- 1. 150 and 75 mm of Hg
  - 2. 120 and 80 mm of Hg
  - 3. 140 and 90 mm of Hg
  - 4. 100 and 60 mm of Hg

Question ID : 7518974394  
Option 1 ID : 75189717576  
Option 2 ID : 75189717574  
Option 3 ID : 75189717573  
Option 4 ID : 75189717575  
Status : Answered  
Chosen Option : 2

Q.45 The magnification produced by a lens is  $1/2$ . The nature and the relative size of the image formed by the lens in the respective order is:

- Ans
- 1. virtual, erect and enlarged
  - 2. real, inverted and enlarged
  - 3. real, inverted and diminished
  - 4. virtual, erect and diminished

Question ID : 7518975413  
Option 1 ID : 75189721652  
Option 2 ID : 75189721650  
Option 3 ID : 75189721649  
Option 4 ID : 75189721651  
Status : Not Answered  
Chosen Option : --

Q.46 B was standing at a point, facing north. B turned and ran towards the east for 50 m, then turned towards the south and walked for 30 m. He then turned left and ran for 40 m, then turned right and ran for 50 m, turned right again and walked for 10 m and at last, turned right and walked for 20 m. How much distance did B cover only by walk and in which direction is he facing now?

(All turns are 90 degree turns only)

- Ans
- 1. 150 m, South
  - 2. 60 m, South
  - 3. 150 m, North
  - 4. 60 m, North

Question ID : 7518974846  
Option 1 ID : 75189719381  
Option 2 ID : 75189719382  
Option 3 ID : 75189719384  
Option 4 ID : 75189719383  
Status : Answered  
Chosen Option : 4

**Q.47** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

14 : 203 :: 16 : 264 :: 18 : ?

- Ans**
- 1. 347
  - 2. 423
  - 3. 333
  - 4. 353

Question ID : 7518975300  
Option 1 ID : 75189721200  
Option 2 ID : 75189721198  
Option 3 ID : 75189721197  
Option 4 ID : 75189721199  
Status : Answered  
Chosen Option : 3

**Q.48** A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement:  $R > G > A > B = D = F > S$

- Ans**
- 1.  $S > D$
  - 2.  $F > R$
  - 3.  $A > F$
  - 4.  $A > R$

Question ID : 7518975202  
Option 1 ID : 75189720807  
Option 2 ID : 75189720808  
Option 3 ID : 75189720806  
Option 4 ID : 75189720805  
Status : Answered  
Chosen Option : 3

**Q.49** Which tissue in the coconut husk makes it hard and stiff?

- Ans**
- 1. Guard cells
  - 2. Parenchyma
  - 3. Collenchyma
  - 4. Sclerenchyma

Question ID : 7518974350  
Option 1 ID : 75189717400  
Option 2 ID : 75189717398  
Option 3 ID : 75189717399  
Option 4 ID : 75189717397  
Status : Answered  
Chosen Option : 3

**Q.50** Five persons, K, L, M, N and P, receive their salaries on five different dates of the same month, viz. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup>. L receives salary on the date immediately after M. N receives salary on the date immediately before K. P receives salary on the date immediately after K. P receives salary on the 3<sup>rd</sup> of the month. On which date does M receive salary?

- Ans**
- 1. 5<sup>th</sup>
  - 2. 1<sup>st</sup>
  - 3. 4<sup>th</sup>
  - 4. 2<sup>nd</sup>

Question ID : 7518975158  
Option 1 ID : 75189720632  
Option 2 ID : 75189720629  
Option 3 ID : 75189720631  
Option 4 ID : 75189720630  
Status : Answered  
Chosen Option : 3

**Q.51** Identify the INCORRECT relation between power (P), Current(I) , Resistance (R) and potential difference (V).

- Ans**
- 1.  $P = IR^2$
  - 2.  $P = V^2/R$
  - 3.  $P = I^2R$
  - 4.  $P = VI$

Question ID : 7518975502  
Option 1 ID : 75189722007  
Option 2 ID : 75189722006  
Option 3 ID : 75189722008  
Option 4 ID : 75189722005  
Status : Answered  
Chosen Option : 1

**Q.52** Which of the following is a naturally occurring source of air pollution?

- Ans**
- 1. Volcanic eruptions
  - 2. Automobile exhausts
  - 3. Power plants
  - 4. Burning firewood

Question ID : 7518974463  
Option 1 ID : 75189717850  
Option 2 ID : 75189717852  
Option 3 ID : 75189717849  
Option 4 ID : 75189717851  
Status : Answered  
Chosen Option : 1

Q.53 Find the curved surface area of a cylinder whose diameter of base is 14 m and height is 24 m. [Use  $\pi = \frac{22}{7}$ ]

- Ans
- 1.  $1065 \text{ cm}^2$
  - 2.  $1056 \text{ cm}^2$
  - 3.  $1560 \text{ cm}^2$
  - 4.  $1506 \text{ cm}^2$

Question ID : 7518975973  
Option 1 ID : 75189723890  
Option 2 ID : 75189723891  
Option 3 ID : 75189723892  
Option 4 ID : 75189723889  
Status : Answered  
Chosen Option : 2

Q.54 Rani's sister's age is 4 years more than her age. If her sister's age is 28 years, then find Rani's age.

- Ans
- 1. 26 years
  - 2. 32 years
  - 3. 24 years
  - 4. 22 years

Question ID : 7518975920  
Option 1 ID : 75189723678  
Option 2 ID : 75189723677  
Option 3 ID : 75189723679  
Option 4 ID : 75189723680  
Status : Answered  
Chosen Option : 3

Q.55 A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement:  $V > R > N = U = H > C < G$

- Ans
- 1.  $U > G$
  - 2.  $N = H$
  - 3.  $N > V$
  - 4.  $R = H$

Question ID : 7518975200  
Option 1 ID : 75189720797  
Option 2 ID : 75189720799  
Option 3 ID : 75189720798  
Option 4 ID : 75189720800  
Status : Answered  
Chosen Option : 2

**Q.56** 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. Some hills are plateaus.
2. Some plateaus are deserts.
3. All deserts are plains

**Conclusions:**

- I. Some plains are plateaus.
- II. Some plains are hills.
- III. All deserts are hills.

- Ans**
- 1. Only conclusions II and III follow
  - 2. Only conclusion I follows
  - 3. Only conclusion II follows
  - 4. Only conclusions I and II follow

Question ID : 7518974741  
Option 1 ID : 75189718964  
Option 2 ID : 75189718961  
Option 3 ID : 75189718962  
Option 4 ID : 75189718963  
Status : Answered  
Chosen Option : 2

**Q.57** A trader marked the price of an article at  $1\frac{2}{5}$  times of its cost price and he sold it at  $\frac{17}{20}$  of the marked price. What is his gain percentage on that article?

- Ans**
- 1. 23%
  - 2. 20%
  - 3. 17%
  - 4. 19%

Question ID : 7518975865  
Option 1 ID : 75189723460  
Option 2 ID : 75189723458  
Option 3 ID : 75189723457  
Option 4 ID : 75189723459  
Status : Answered  
Chosen Option : 4

**Q.58** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.  
 $20 : 42 :: 25 : 52 :: 18 : ?$

- Ans**
- 1. 38
  - 2. 34
  - 3. 60
  - 4. 54

Question ID : 7518975074  
Option 1 ID : 75189720294  
Option 2 ID : 75189720293  
Option 3 ID : 75189720296  
Option 4 ID : 75189720295  
Status : Answered  
Chosen Option : 1

**Q.59** Which of the following numbers will replace the question mark (?) in the given series?

7, 56, 28, 224, 112, ?

- Ans**
- 1. 920
  - 2. 896
  - 3. 900
  - 4. 846

Question ID : 7518975060  
Option 1 ID : 75189720239  
Option 2 ID : 75189720238  
Option 3 ID : 75189720240  
Option 4 ID : 75189720237  
Status : Answered  
Chosen Option : 2

**Q.60** If the mean of 22, 25, 27, 24 and x is 26, then the value of x is:

- Ans**
- 1. 32
  - 2. 35
  - 3. 28
  - 4. 41

Question ID : 7518976309  
Option 1 ID : 75189725236  
Option 2 ID : 75189725234  
Option 3 ID : 75189725235  
Option 4 ID : 75189725233  
Status : Answered  
Chosen Option : 1



**Q.61** Bhupesh suffered crop failure for few years. When he got the pH of the soil examined, it was about 11.6. Which of the following compounds can he use to treat the soil of his agricultural field?

- Ans**
- 1. NaCl
  - 2.  $\text{Al}_2(\text{SO}_4)_3$
  - 3.  $\text{Zn}(\text{OH})_2$
  - 4.  $\text{Ca}(\text{OH})_2$

Question ID : 7518973469  
Option 1 ID : 75189713874  
Option 2 ID : 75189713875  
Option 3 ID : 75189713876  
Option 4 ID : 75189713873  
Status : Answered  
Chosen Option : 2

**Q.62** In December 2021, who launched India's Semiconductor Mission, which aims to manufacture a vibrant semiconductor and display ecosystem to enable India's emergence as a global hub for electronics manufacturing and design?

- Ans**
- 1. Rajeev Chandrasekhar
  - 2. Ashwini Vaishnaw
  - 3. Anand Deshpande
  - 4. Rajendra Kumar

Question ID : 7518973958  
Option 1 ID : 75189715829  
Option 2 ID : 75189715831  
Option 3 ID : 75189715832  
Option 4 ID : 75189715830  
Status : Not Answered  
Chosen Option : --

**Q.63** What day of the week was 10 January 2006?

- Ans**
- 1. Wednesday
  - 2. Monday
  - 3. Tuesday
  - 4. Thursday

Question ID : 7518976417  
Option 1 ID : 75189725667  
Option 2 ID : 75189725665  
Option 3 ID : 75189725666  
Option 4 ID : 75189725668  
Status : Answered  
Chosen Option : 2

**Q.64** The first Municipal Corporation was set up during the British era in the former Presidency Town of \_\_\_\_\_ in 1688.

- Ans**
- 1. Madras
  - 2. Calcutta
  - 3. Bombay
  - 4. Nagpur

Question ID : 7518974307  
Option 1 ID : 75189717225  
Option 2 ID : 75189717227  
Option 3 ID : 75189717226  
Option 4 ID : 75189717228  
Status : Answered  
Chosen Option : 2

**Q.65** If each of the letters in the word 'ANOTHER' is arranged in alphabetical order, then how many letters will be there in the English alphabetical series between the letter that is fourth from the left end and the one that is second from the right end?

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

Question ID : 7518974987  
Option 1 ID : 75189719946  
Option 2 ID : 75189719948  
Option 3 ID : 75189719945  
Option 4 ID : 75189719947  
Status : Answered  
Chosen Option : 1

**Q.66** If the simple interest on a certain sum for 18 months at 5.5% per annum exceeds the simple interest on the same sum for 14 months at 6% per annum by ₹62.50, then the sum is:

- Ans**
- 1. ₹8,200
  - 2. ₹5,000
  - 3. ₹6,500
  - 4. ₹7,000

Question ID : 7518976275  
Option 1 ID : 75189725097  
Option 2 ID : 75189725100  
Option 3 ID : 75189725099  
Option 4 ID : 75189725098  
Status : Answered  
Chosen Option : 2

**Q.67** Sheela was standing facing the morning sun. She started walking towards the morning sun and turned to her right side, where she walked for few minutes and then turned left and walked for 3 m and stopped. In which direction is Sheela facing right now?

(All turns are 90 degree turns only)

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

Question ID : 7518974834  
Option 1 ID : 75189719335  
Option 2 ID : 75189719334  
Option 3 ID : 75189719336  
Option 4 ID : 75189719333  
Status : Answered  
Chosen Option : 4

**Q.68** Which of the following numbers is divisible by both, 7 and 11?

- Ans**
- 1. 2684
  - 2. 2534
  - 3. 3014
  - 4. 1771

Question ID : 7518976239  
Option 1 ID : 75189724954  
Option 2 ID : 75189724955  
Option 3 ID : 75189724956  
Option 4 ID : 75189724953  
Status : Answered  
Chosen Option : 4

**Q.69** On 20 January 2022, which court of India in Neil Aurelio Nunes and Ors vs. Union of India and Ors, upheld the constitutional validity of 27 per cent reservation for the Other Backward Classes (OBCs) in the All India Quota (AIQ) for undergraduate and postgraduate medical and dental courses?

- Ans**
- 1. Karnataka High Court
  - 2. Madras High Court
  - 3. Supreme Court
  - 4. Bombay High Court

Question ID : 7518976534  
Option 1 ID : 75189726134  
Option 2 ID : 75189726133  
Option 3 ID : 75189726135  
Option 4 ID : 75189726136  
Status : Not Answered  
Chosen Option : --

Q.70

Who was the Chairman of Union Carbide during The Bhopal Gas Tragedy in Bhopal?

Ans

- ✓ 1. Warren Anderson
- ✗ 2. Michal Bellay
- ✗ 3. J R Shah
- ✗ 4. John Ervin

Question ID : 7518973884

Option 1 ID : 75189715533

Option 2 ID : 75189715535

Option 3 ID : 75189715534

Option 4 ID : 75189715536

Status : Not Answered

Chosen Option : --

Q.71 In October 2021, which portal was launched by the Ministry of Social Justice and Empowerment to provide a platform for senior citizens in India seeking employment opportunities?

Ans

- ✓ 1. SACRED
- ✗ 2. SAMADHAN
- ✗ 3. SANNIDHI
- ✗ 4. SANCHAY

Question ID : 7518973979

Option 1 ID : 75189715914

Option 2 ID : 75189715913

Option 3 ID : 75189715916

Option 4 ID : 75189715915

Status : Not Answered

Chosen Option : --

Q.72

Where is the National War Memorial located?

Ans

- 1. Mumbai
- 2. Delhi
- 3. Kolkata
- 4. Agra

Question ID : 7518973802

Option 1 ID : 75189715205

Option 2 ID : 75189715207

Option 3 ID : 75189715206

Option 4 ID : 75189715208

Status : Not Answered

Chosen Option : --

Q.73 In the year 2021, Neeraj Chopra won India's first ever gold medal in athletics at the \_\_\_\_\_ Olympics.

Ans

- 1. Sydney
- 2. London
- 3. Beijing
- 4. Tokyo

Question ID : 7518976455

Option 1 ID : 75189725817

Option 2 ID : 75189725818

Option 3 ID : 75189725820

Option 4 ID : 75189725819

Status : Answered

Chosen Option : 4

Q.74 This question is based on the five, three-digit numbers given below:

(Left) 815 458 512 630 235 (Right)

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

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

Question ID : 7518975017  
Option 1 ID : 75189720067  
Option 2 ID : 75189720068  
Option 3 ID : 75189720066  
Option 4 ID : 75189720065  
Status : Answered  
Chosen Option : 3

Q.75 At present, \_\_\_\_\_ elements are known, of which \_\_\_\_\_ are naturally occurring elements.

- Ans
- 1. 118, 92
  - 2. 114, 94
  - 3. 114, 92
  - 4. 118, 94

Question ID : 7518973694  
Option 1 ID : 75189714774  
Option 2 ID : 75189714775  
Option 3 ID : 75189714773  
Option 4 ID : 75189714776  
Status : Answered  
Chosen Option : 1

Q.76 If two parallel lines are intersected by a transversal, then which of the options below is necessarily true?

- Ans
- 1.  
The sum of the measures of a pair of corresponding angles is  $180^\circ$
  - 2.  
The sum of the measures of a pair of alternate interior angles is  $180^\circ$
  - 3.  
The sum of the measures of a pair of vertically opposite angles is  $180^\circ$
  - 4.  
The sum of the measures of a pair of interior angles on the same side of the transversal is  $180^\circ$

Question ID : 7518975979  
Option 1 ID : 75189723916  
Option 2 ID : 75189723913  
Option 3 ID : 75189723914  
Option 4 ID : 75189723915  
Status : Answered  
Chosen Option : 4

Q.77 If  $a^4 + \frac{1}{a^4} = 34$ , then the value of  $a^6 + \frac{1}{a^6}$  is:

- Ans
- 1. 243
  - 2. 198
  - 3. 185
  - 4. 216

Question ID : 7518976318  
 Option 1 ID : 75189725269  
 Option 2 ID : 75189725271  
 Option 3 ID : 75189725272  
 Option 4 ID : 75189725270  
 Status : Answered  
 Chosen Option : 2

Q.78 Select the correct combination of mathematical signs that can sequentially replace Y to balance the following equation.

32 Y 8 Y 16 Y 8 Y 8

- Ans
- 1. ÷, ×, =, ×
  - 2. ×, ÷, =, -
  - 3. ×, =, -, ÷
  - 4. ÷, ×, =, -

Question ID : 7518975107  
 Option 1 ID : 75189720427  
 Option 2 ID : 75189720428  
 Option 3 ID : 75189720425  
 Option 4 ID : 75189720426  
 Status : Answered

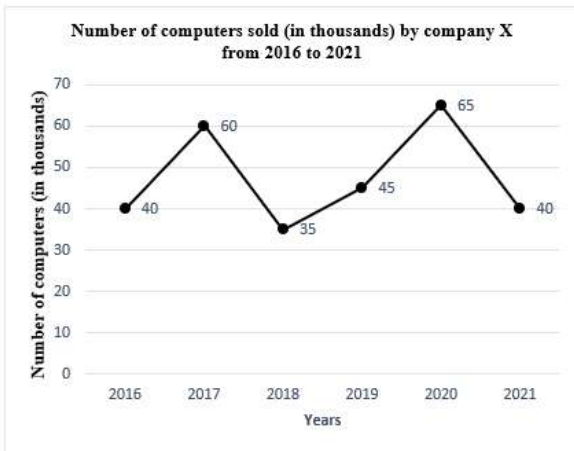
Chosen Option : 1

Q.79 In a certain code language, MONDAY is written as ZBEOPN and MARCH is written as IDSBN. How will APRIL be written in the same language?

- Ans
- 1. ZKSWC
  - 2. MJSQB
  - 3. MJSWB
  - 4. MKSVB

Question ID : 7518975241  
 Option 1 ID : 75189720961  
 Option 2 ID : 75189720963  
 Option 3 ID : 75189720964  
 Option 4 ID : 75189720962  
 Status : Answered  
 Chosen Option : 2

Q.80 Study the following line graph carefully and answer the given question.



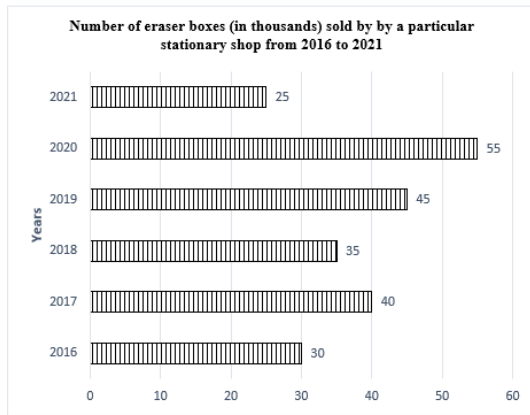
Find the difference between the number of computers sold for the year 2017 and 2021.

- Ans
- 1. 25000
  - 2. 20000
  - 3. 10000
  - 4. 15000

Question ID : 7518975115  
Option 1 ID : 75189720460  
Option 2 ID : 75189720457  
Option 3 ID : 75189720459  
Option 4 ID : 75189720458  
Status : Answered  
Chosen Option : 2



**Q.81** Study the following bar graph carefully and answer the question.



What is the approximate percentage increase in the number of the eraser boxes sold from 2018 to 2020?

- Ans**
- 1. 45%
  - 2. 60%
  - 3. 50%
  - 4. 57%

Question ID : 7518975119

Option 1 ID : 75189720475

Option 2 ID : 75189720476

Option 3 ID : 75189720473

Option 4 ID : 75189720474

Status : Answered

Chosen Option : 4

**Q.82** The total number of three-digit numbers divisible by 2 or 5 is

- Ans**
- 1. 540
  - 2. 400
  - 3. 245
  - 4. 270

Question ID : 7518975578

Option 1 ID : 75189722310

Option 2 ID : 75189722309

Option 3 ID : 75189722311

Option 4 ID : 75189722312

Status : Answered

Chosen Option : 1

**Q.83** Three bulbs A, B and C rated 40 W, 60 W and 100 W, respectively, are connected in parallel to a voltage source of 220 V. The bulb that glows with maximum brightness is:

- Ans**
- 1. all bulbs will glow with equal brightness
  - 2. bulb C
  - 3. bulb A
  - 4. bulb B

Question ID : 7518975505  
Option 1 ID : 75189722020  
Option 2 ID : 75189722019  
Option 3 ID : 75189722017  
Option 4 ID : 75189722018  
Status : Answered  
Chosen Option : 3

**Q.84** With which of the following has the Government of India signed a 115 million dollar Rejuvenating Watersheds for Agricultural Resilience through Innovative Development (REWARD) Programme?

- Ans**
- 1. Reserve Bank of India
  - 2. UNDP
  - 3. World Bank
  - 4. World Health Organization

Question ID : 7518973870  
Option 1 ID : 75189715480  
Option 2 ID : 75189715477  
Option 3 ID : 75189715479  
Option 4 ID : 75189715478  
Status : Not Answered  
Chosen Option : --

Q.85 The Aitareya Upanishad belongs to fourth, fifth and sixth chapters of the second book of Aitareya Aranyaka of the \_\_\_\_\_ and considered as the oldest Upanishads.

- Ans
- 1. Atharva Veda
  - 2. Sama Veda
  - 3. Rig Veda
  - 4. Yajur Veda

Question ID : 7518974031  
Option 1 ID : 75189716123  
Option 2 ID : 75189716124  
Option 3 ID : 75189716122  
Option 4 ID : 75189716121  
Status : Answered  
Chosen Option : 3

Q.86 How many physical regions are there in India?

- Ans
- 1. 6
  - 2. 8
  - 3. 3
  - 4. 5

Question ID : 7518974077  
Option 1 ID : 75189716307  
Option 2 ID : 75189716308  
Option 3 ID : 75189716305  
Option 4 ID : 75189716306  
Status : Answered  
Chosen Option : 4

Q.87 If  $a$  and  $b$  are the roots of the equation  $x^2 - 7x + 12 = 0$ , then the value of  $\frac{a^3 + b^3}{a^2 + b^2 + 1}$  is:

- Ans
- 1. 2.6
  - 2. 5.2
  - 3. 4.4
  - 4. 3.5

Question ID : 7518976357  
Option 1 ID : 75189725428  
Option 2 ID : 75189725427  
Option 3 ID : 75189725426  
Option 4 ID : 75189725425  
Status : Answered  
Chosen Option : 4

Q.88

In February 2022, where was India's first Biosafety Level-3 Mobile Laboratory inaugurated?

Ans

1. Gujarat

2. Maharashtra

3. Jharkhand

4. Rajasthan

Question ID : 7518973767

Option 1 ID : 75189715065

Option 2 ID : 75189715066

Option 3 ID : 75189715068

Option 4 ID : 75189715067

Status : Not Answered

Chosen Option : --

Q.89

Which of the following is the common product produced during aerobic and anaerobic respiration initially in the first step?

Ans

1. Pyruvate

2. Ethanol

3. Lactic acid

4. Water

Question ID : 7518974534

Option 1 ID : 75189718136

Option 2 ID : 75189718134

Option 3 ID : 75189718133

Option 4 ID : 75189718135

Status : Answered

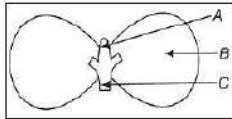
Chosen Option : 3

**Q.90** KIT 20 is related to PRG 50 in a certain way. In the same way, ENT 16 is related to VMG 40. To which of the following is MFG 18 related following the same logic?

- Ans**
- 1. NVT 45
  - 2. QUT 45
  - 3. NUT 45
  - 4. NUT 40

Question ID : 7518975053  
 Option 1 ID : 75189720211  
 Option 2 ID : 75189720210  
 Option 3 ID : 75189720212  
 Option 4 ID : 75189720209  
 Status : Answered  
 Chosen Option : 3

**Q.91** Study the diagram of a dicot seed given below. Select the correct option regarding the functions of the parts labelled A, B and C



- Ans**
- 1. A - Future shoot, B - Stores food, C - Future root
  - 2. A - Future shoot, B - Future root, C - Stores food
  - 3. A - Future root, B - Stores food, C - Future shoot
  - 4. A - Stores food, B - Stores food, C - Future root

Question ID : 7518974653  
 Option 1 ID : 75189718611  
 Option 2 ID : 75189718610  
 Option 3 ID : 75189718609  
 Option 4 ID : 75189718612  
 Status : Answered  
 Chosen Option : 1

Q.92

What is the ranking of India in wind power as on March 2021?

Ans

1. 10<sup>th</sup>

2. 4<sup>th</sup>

3. 7<sup>th</sup>

4. 8<sup>th</sup>

Question ID : 7518973897

Option 1 ID : 75189715587

Option 2 ID : 75189715588

Option 3 ID : 75189715586

Option 4 ID : 75189715585

Status : Not Answered

Chosen Option : --

Q.93 The leaves of the \_\_\_\_\_ plant contain methanoic acid.

Ans  1. tamarind

2. orange

3. nettle

4. tomato

Question ID : 7518973466

Option 1 ID : 75189713862

Option 2 ID : 75189713861

Option 3 ID : 75189713864

Option 4 ID : 75189713863

Status : Answered

Chosen Option : 4

**Q.94** Which of the following number will replace the question mark (?) and complete the given number series?

3, 6, 8, 16, 18, 36, ?

**Ans** ✓ 1. 38

✗ 2. 72

✗ 3. 42

✗ 4. 45

Question ID : 7518975070

Option 1 ID : 75189720279

Option 2 ID : 75189720277

Option 3 ID : 75189720280

Option 4 ID : 75189720278

Status : Answered

Chosen Option : 2

**Q.95** The splitting up of white light into seven components as it enters a glass prism is called:

**Ans** ✓ 1. dispersion of light

✗ 2. reflection of light

✗ 3. scattering of light

✗ 4. refraction of light

Question ID : 7518975430

Option 1 ID : 75189721717

Option 2 ID : 75189721718

Option 3 ID : 75189721720

Option 4 ID : 75189721719

Status : Answered

Chosen Option : 3

**Q.96** Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$11.998 + 2.008 \times 3.991 + 14.9929 - 10.002 = ?$

**Ans** ✓ 1. 29

✗ 2. 24

✗ 3. 34

✗ 4. 21

Question ID : 7518975308

Option 1 ID : 75189721231

Option 2 ID : 75189721230

Option 3 ID : 75189721232

Option 4 ID : 75189721229

Status : Answered

Chosen Option : 1

Q.97 Which of the following organisms has a longer small intestine?

- Ans
- 1. Tiger
  - 2. Lion
  - 3. Cow
  - 4. Human

Question ID : 7518974376  
Option 1 ID : 75189717502  
Option 2 ID : 75189717504  
Option 3 ID : 75189717503  
Option 4 ID : 75189717501  
Status : Answered  
Chosen Option : 3

Q.98 A dishonest dealer professes to sell his goods at the cost price but uses a false weight and thus gains 25%. How much quantity of grains does he give for a kilogram?

- Ans
- 1. 900 grams
  - 2. 800 grams
  - 3. 750 grams
  - 4. 975 grams

Question ID : 7518976079  
Option 1 ID : 75189724313  
Option 2 ID : 75189724316  
Option 3 ID : 75189724314  
Option 4 ID : 75189724315  
Status : Answered  
Chosen Option : 2

Q.99 The value of  $\sqrt{729} + \sqrt{1681} + \sqrt{576} - \sqrt{1849}$  is:

- Ans
- 1. 55
  - 2. 49
  - 3. 64
  - 4. 37

Question ID : 7518976229  
Option 1 ID : 75189724916  
Option 2 ID : 75189724915  
Option 3 ID : 75189724914  
Option 4 ID : 75189724913  
Status : Answered  
Chosen Option : 2



**Q.100** Write a balanced chemical equation with state symbols for the following reaction.

Potassium hydroxide solution (in water) reacts with nitric acid solution (in water) to produce sodium nitrate solution and water.

- Ans**
- ✓ 1.  $2 \text{KOH (aq)} + 2 \text{HNO}_3(\text{aq}) \rightarrow 2 \text{KNO}_3(\text{aq}) + 2 \text{H}_2\text{O (l)}$
  - ✗ 2.  $2 \text{KOH (aq)} + 2 \text{HNO}_3(\text{l}) \rightarrow 2 \text{KNO}_3(\text{aq}) + 2 \text{H}_2\text{O (aq)}$
  - ✗ 3.  $2 \text{KOH} + 2 \text{HNO}_3 \rightarrow 2 \text{KNO}_3 + 2 \text{H}_2\text{O}$
  - ✗ 4.  $2 \text{KOH (l)} + 2 \text{HNO}_3(\text{l}) \rightarrow 2 \text{KNO}_3(\text{l}) + 2 \text{H}_2\text{O (l)}$

Question ID : 7518973571  
Option 1 ID : 75189714284  
Option 2 ID : 75189714282  
Option 3 ID : 75189714281  
Option 4 ID : 75189714283  
Status : Answered  
Chosen Option : 1

