



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 Thigalarapalya Main Road |
| Test Date        | 18/09/2022                                    |
| 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.

- 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 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

LETTER : RETTEL :: OPTION : NOITPO :: SELECT : ?

- Ans
- 1. TECLEC
  - 2. ECTLCE
  - 3. CETLEC
  - 4. TCELES

Question ID : 75189711595

Option 1 ID : 75189746379

Option 2 ID : 75189746378

Option 3 ID : 75189746377

Option 4 ID : 75189746380

Status : Answered

Chosen Option : 4

Q.2 The cost of 2 pencils and 3 erasers is ₹7 and the cost of 5 pencils and 6 erasers is ₹16. The combined cost of one pencil and one eraser is:

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

Question ID : 7518979994

Option 1 ID : 75189739974

Option 2 ID : 75189739975

Option 3 ID : 75189739976

Option 4 ID : 75189739973

Status : Answered

Chosen Option : 2

**Q.3** Aman travels a distance of 12 km in the north direction and he turns to the east and travels a distance of 5 km. He further turns to the north and travels 3 km and then he turns in the east direction and travels a distance of 4 km. Finally he turns in the south direction and travels a distance of 15 Km. What is the shortest distance between his starting and end positions? (All turns are 90 degree turns only)

- Ans**
- 1. 12 km
  - 2. 9 km
  - 3. 11 km
  - 4. 15 km

Question ID : 75189711582  
Option 1 ID : 75189746327  
Option 2 ID : 75189746325  
Option 3 ID : 75189746326  
Option 4 ID : 75189746328  
Status : Answered  
Chosen Option : 2

**Q.4** Find the value of  $[66 \div \{12 + 5 \times (6 - 4)\}]$ .

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

Question ID : 7518979897  
Option 1 ID : 75189739587  
Option 2 ID : 75189739588  
Option 3 ID : 75189739586  
Option 4 ID : 75189739585  
Status : Answered  
Chosen Option : 1

**Q.5** In which of the following events did India win the bronze medal in the world games 2022 in the USA?

- Ans**
- 1. Shooting
  - 2. Wrestling
  - 3. Archery
  - 4. Wushu

Question ID : 7518976790  
Option 1 ID : 75189727159  
Option 2 ID : 75189727157  
Option 3 ID : 75189727158  
Option 4 ID : 75189727160  
Status : Not Answered  
Chosen Option : --

Q.6 How many testaments are there in the Bible?

- Ans
- 1. five
  - 2. four
  - 3. three
  - 4. two

Question ID : 7518977486  
Option 1 ID : 75189729941  
Option 2 ID : 75189729942  
Option 3 ID : 75189729943  
Option 4 ID : 75189729944  
Status : Not Answered  
Chosen Option : --

Q.7 PARAM Ganga is the Made in India Petascale supercomputer installed at \_\_\_\_\_ under National Supercomputing Mission in the year 2022.

- Ans
- 1. IIT Bombay
  - 2. IIT Kanpur
  - 3. IIT Delhi
  - 4. IIT Roorkee

Question ID : 75189710414  
Option 1 ID : 75189741653  
Option 2 ID : 75189741656  
Option 3 ID : 75189741655  
Option 4 ID : 75189741654  
Status : Answered  
Chosen Option : 4

Q.8 The area of a square field is  $169 \text{ m}^2$ . Its perimeter (in m) is:

- Ans
- 1. 26
  - 2. 52
  - 3. 13
  - 4. 39

Question ID : 75189710019  
Option 1 ID : 75189740074  
Option 2 ID : 75189740076  
Option 3 ID : 75189740073  
Option 4 ID : 75189740075  
Status : Answered  
Chosen Option : 2

Q.9 Where is the headquarters of Bandhan Financial Services Ltd, which offers micro financial services?

- Ans
- 1. Bhubaneswar
  - 2. Bengaluru
  - 3. Chennai
  - 4. Kolkata

Question ID : 75189710573  
Option 1 ID : 75189742291  
Option 2 ID : 75189742292  
Option 3 ID : 75189742290  
Option 4 ID : 75189742289  
Status : Not Answered  
Chosen Option : --

Q.10 From a book containing 264 pages, the teacher taught  $\frac{2}{3}$  of the total number of pages and the children studied  $\frac{1}{8}$  of the remaining pages at home. How many pages were yet to be either taught by the teacher or studied on their own by the students?

- Ans
- 1. 80
  - 2. 55
  - 3. 88
  - 4. 77

Question ID : 75189711387  
Option 1 ID : 75189745547  
Option 2 ID : 75189745545  
Option 3 ID : 75189745548  
Option 4 ID : 75189745546  
Status : Answered  
Chosen Option : 4

Q.11 When sunlight passes through a canopy of a dense forest, tiny water droplets in the mist \_\_\_\_\_ light and Tyndall effect is observed.

- Ans
- 1. refract
  - 2. reflect
  - 3. scatter
  - 4. reflect and refract

Question ID : 7518976655  
Option 1 ID : 75189726618  
Option 2 ID : 75189726617  
Option 3 ID : 75189726620  
Option 4 ID : 75189726619  
Status : Answered  
Chosen Option : 3

Q.12 Which of the following can be classified as a public sector company in India?

- Ans  1. Hindustan Aeronautics Limited  
 2. ITC Limited  
 3. Reliance Industries Limited  
 4. Anand Milk Union Limited

Question ID : 7518978563  
Option 1 ID : 75189734250  
Option 2 ID : 75189734251  
Option 3 ID : 75189734252  
Option 4 ID : 75189734249  
Status : Answered  
Chosen Option : 1

Q.13 Which of the following countries witnessed a military coup in February 2021?

- Ans  1. Myanmar  
 2. Pakistan  
 3. Afghanistan  
 4. Bangladesh

Question ID : 75189710534  
Option 1 ID : 75189742133  
Option 2 ID : 75189742135  
Option 3 ID : 75189742136  
Option 4 ID : 75189742134  
Status : Not Answered  
Chosen Option : --

Q.14 Eight pencil boxes of different brands, B, D, F, H, J, L, N and P, are kept one above the other but not necessarily in the same order. N is fourth from the top and immediately below F. P is placed at the topmost position and immediately above B. Only one box is there between H and J. J is always placed at one of the positions below H. L is placed immediately below N. How many boxes are there between J and D?

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

Question ID : 75189711459  
Option 1 ID : 75189745834  
Option 2 ID : 75189745836  
Option 3 ID : 75189745833  
Option 4 ID : 75189745835  
Status : Answered  
Chosen Option : 4

**Q.15** A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$$F > A \geq B > C < D \leq E$$

**Conclusions:**

I.  $E > C$

II.  $E > B$

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

Question ID : 75189711506  
Option 1 ID : 75189746024  
Option 2 ID : 75189746023  
Option 3 ID : 75189746021  
Option 4 ID : 75189746022  
Status : Answered  
Chosen Option : 3

**Q.16** As per Provisional Coal Statistics released by the Ministry of Coal for the year 2020-21, \_\_\_\_\_ was the largest producer of non-coking coal in the country in 2020-21.

- Ans**
- 1. Odisha
  - 2. Madhya Pradesh
  - 3. Chhattisgarh
  - 4. Jharkhand

Question ID : 7518978569  
Option 1 ID : 75189734275  
Option 2 ID : 75189734274  
Option 3 ID : 75189734273  
Option 4 ID : 75189734276  
Status : Not Answered  
Chosen Option : --

**Q.17** Krishan is four times as old as Ram. He is also 6 years older than Ram. Krishan's present age (in years) is:

- Ans**
- 1. 7
  - 2. 8
  - 3. 9
  - 4. 10

Question ID : 7518979999  
Option 1 ID : 75189739993  
Option 2 ID : 75189739994  
Option 3 ID : 75189739995  
Option 4 ID : 75189739996  
Status : Answered  
Chosen Option : 2

**Q.18** For a given concave mirror of focal length 0.1 m, if an object is kept at a distance 0.2 m, then the image distance will be:

- Ans**
- 1. 2 m
  - 2. 1 m
  - 3. 0.2 m
  - 4. 0.1 m

Question ID : 75189711145  
Option 1 ID : 75189744579  
Option 2 ID : 75189744580  
Option 3 ID : 75189744578  
Option 4 ID : 75189744577  
Status : Answered  
Chosen Option : 3

**Q.19** Ravi can complete a certain job in 48 days. Kiran is 60% more efficient than Ravi. In how many days will they together complete the same job?

- Ans**
- 1.  $19\frac{5}{13}$  days
  - 2.  $18\frac{6}{13}$  days
  - 3.  $20\frac{8}{13}$  days
  - 4.  $21\frac{7}{13}$  days

Question ID : 75189711198  
Option 1 ID : 75189744789  
Option 2 ID : 75189744791  
Option 3 ID : 75189744790  
Option 4 ID : 75189744792  
Status : Answered  
Chosen Option : 2

**Q.20** Which of the following properties of carbon is responsible for a large number of carbon compounds?

- Ans**
- 1. Allotropy and tetravalency
  - 2. Isomerisation and divalency
  - 3. Catenation property and divalency
  - 4. Catenation property and tetravalency

Question ID : 75189711850  
Option 1 ID : 75189747399  
Option 2 ID : 75189747398  
Option 3 ID : 75189747397  
Option 4 ID : 75189747400  
Status : Answered  
Chosen Option : 1

**Q.21** A closed metallic cylindrical container is 1.05 m high and its base radius is 35 cm. If the metal sheet costs ₹ 150 per  $\text{m}^2$ , then find the cost of the material used in this container. [Use  $\pi = \frac{22}{7}$ ]

- Ans**
- 1. ₹514
  - 2. ₹462
  - 3. ₹336
  - 4. ₹360

Question ID : 75189711214

Option 1 ID : 75189744854

Option 2 ID : 75189744853

Option 3 ID : 75189744856

Option 4 ID : 75189744855

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

Chosen Option : --

**Q.22** Out of 162 students in a school, 72 are boys and the remaining are girls. What is the ratio of the number of girls to the number of boys in that school?

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

Question ID : 75189711190

Option 1 ID : 75189744760

Option 2 ID : 75189744757

Option 3 ID : 75189744758

Option 4 ID : 75189744759

Status : **Answered**

Chosen Option : 2

**Q.23** Which of the following is based on the principle of 'Electromagnetic induction'?

- Ans**
- 1. The magnetic field exerts a force on a current carrying conductor
  - 2. An electric current is produces a magnetic field
  - 3. The electricity produced in a glass rod
  - 4. The relative motion between a coil and a bar magnet induces electric current

Question ID : 75189711376

Option 1 ID : 75189745504

Option 2 ID : 75189745502

Option 3 ID : 75189745503

Option 4 ID : 75189745501

Status : **Answered**

Chosen Option : 4



**Q.24** Each of the letters in the word DIAGNOSE is arranged in alphabetical order. How many letters are there in the English alphabetical series between the letter which is third from the left and the one which is fifth from the right?

- Ans**
- 1. Three
  - 2. Five
  - 3. One
  - 4. Six

Question ID : 75189710837  
Option 1 ID : 75189743346  
Option 2 ID : 75189743347  
Option 3 ID : 75189743345  
Option 4 ID : 75189743348  
Status : Answered  
Chosen Option : 3

**Q.25** Evaluate

$$(40.25 \div 5) + (0.07 \times 5)$$

---

$$(0.15 \times 8) + (0.18 \div 0.2)$$

- Ans**
- 1. 3
  - 2. 5
  - 3. 4
  - 4. 7.5

Question ID : 75189711383  
Option 1 ID : 75189745530  
Option 2 ID : 75189745532  
Option 3 ID : 75189745531  
Option 4 ID : 75189745529  
Status : Answered  
Chosen Option : 3

Q.26 Which of the following options correctly defines 'Aldermen' in the context of municipal corporation?

Ans  1.

Representative or elected member of ward in municipal corporation

2.

Municipal Commissioner appointed by the state government

3. Nominated members to the corporation

4. Head of the municipal corporation

Question ID : 7518977286

Option 1 ID : 75189729141

Option 2 ID : 75189729144

Option 3 ID : 75189729142

Option 4 ID : 75189729143

Status : Not Answered

Chosen Option : --

Q.27 An electric lamp is connected to a 240 V DC source. The current flowing through the lamp is 0.25 A. The power of the lamp is:

Ans  1. 60 W

2. 80 W

3. 100 W

4. 40 W

Question ID : 75189711348

Option 1 ID : 75189745390

Option 2 ID : 75189745391

Option 3 ID : 75189745392

Option 4 ID : 75189745389

Status : Answered

Chosen Option : 1

Q.28 If  $\frac{c}{d} + \frac{d}{c} = 1$ , then the value of  $\frac{c^3 - d^3}{dc^2 - cd^2}$  is:

Ans  1. -1

2. 1

3. 0

4. 2

Question ID : 75189711206

Option 1 ID : 75189744821

Option 2 ID : 75189744822

Option 3 ID : 75189744823

Option 4 ID : 75189744824

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.29** A taxi charges a fixed charge of ₹40 and an additional charge per kilometre. A person pays ₹150 for 11 km of distance travelled. Find out the charges paid by Ramesh if he travelled for a distance of 20 km.

- Ans**
- 1. ₹230
  - 2. ₹260
  - 3. ₹250
  - 4. ₹240

Question ID : 7518979992  
Option 1 ID : 75189739965  
Option 2 ID : 75189739968  
Option 3 ID : 75189739967  
Option 4 ID : 75189739966  
Status : Answered  
Chosen Option : 4

**Q.30** Using the fact that  $\sqrt{18496} = 136$ , find the value of  $\sqrt{184.96} - \sqrt{1.8496}$ .

- Ans**
- 1. 12.24
  - 2. 18.49
  - 3. 10
  - 4. 14.96

Question ID : 75189711386  
Option 1 ID : 75189745543  
Option 2 ID : 75189745541  
Option 3 ID : 75189745544  
Option 4 ID : 75189745542  
Status : Answered  
Chosen Option : 1

**Q.31** What is the main product when calcium oxide reacts vigorously with water?

- Ans**
- 1. Lime stone
  - 2. Slaked lime
  - 3. Hydrogen gas
  - 4. Quick lime

Question ID : 75189710331  
Option 1 ID : 75189741322  
Option 2 ID : 75189741321  
Option 3 ID : 75189741324  
Option 4 ID : 75189741323  
Status : Answered  
Chosen Option : 2

Q.32 Which of the following is a tough, porous and black substance obtained from coal?

- Ans
- 1. Diamond
  - 2. Coal gas
  - 3. Coke
  - 4. Coal tar

Question ID : 75189710288  
Option 1 ID : 75189741152  
Option 2 ID : 75189741151  
Option 3 ID : 75189741149  
Option 4 ID : 75189741150  
Status : Not Answered  
Chosen Option : --

Q.33 A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement:  $X > F \geq I > V < Z < K \leq O$

- Ans
- 1.  $I > Z$
  - 2.  $O > V$
  - 3.  $F = K$
  - 4.  $X > O$

Question ID : 7518978225  
Option 1 ID : 75189732898  
Option 2 ID : 75189732899  
Option 3 ID : 75189732897  
Option 4 ID : 75189732900  
Status : Answered  
Chosen Option : 2

Q.34 High blood pressure is also called as Hypertension which is caused due to \_\_\_\_\_.

- Ans
- 1. Contraction of heart muscles
  - 2. Relaxation of veins
  - 3. Constriction of arterioles
  - 4. Relaxation of arterioles

Question ID : 7518977830  
Option 1 ID : 75189731320  
Option 2 ID : 75189731319  
Option 3 ID : 75189731317  
Option 4 ID : 75189731318  
Status : Not Answered  
Chosen Option : --

**Q.35** The 73<sup>rd</sup> amendment of the Constitution of India has made a provision for the mandatory creation of the Gram Sabha.  
What does the Gram Sabha comprise of?

**Ans**  1.

All senior citizens registered as voters in the Panchayat area

2.

All male members registered as voters in the Panchayat area

3. All adult members in the Panchayat area

4. Adult members registered as voters in the Panchayat area

Question ID : 7518979452

Option 1 ID : 75189737807

Option 2 ID : 75189737808

Option 3 ID : 75189737806

Option 4 ID : 75189737805

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

Chosen Option : --

**Q.36** 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.

10 : 110 :: 7 : 56 :: 17 : ?

**Ans**  1. 315

2. 235

3. 272

4. 306

Question ID : 75189711670

Option 1 ID : 75189746680

Option 2 ID : 75189746679

Option 3 ID : 75189746677

Option 4 ID : 75189746678

Status : **Answered**

Chosen Option : 4

**Q.37** Which of the following options is the closest approximate value which will come in place of question mark (?) in the  
following equation?

$149.99 \times 30.01 - 109.99 + 30.01 = ?$

**Ans**  1. 4450

2. 4430

3. 4420

4. 4560

Question ID : 75189711632

Option 1 ID : 75189746527

Option 2 ID : 75189746526

Option 3 ID : 75189746525

Option 4 ID : 75189746528

Status : **Answered**

Chosen Option : 3

**Q.38** What will come in the place of the question mark (?) in the following equation, if '×' is replaced with '+' and '+' is replaced with '×'?

$$14 \times 2 + 5 - 56 + 8 = ?$$

- Ans**
- 1. 40
  - 2. 26
  - 3. 44
  - 4. 42

Question ID : 75189711079  
Option 1 ID : 75189744315  
Option 2 ID : 75189744314  
Option 3 ID : 75189744313  
Option 4 ID : 75189744316  
Status : Answered  
Chosen Option : 2

**Q.39** Which of the following numbers will replace the question mark (?) in the given series?

4 ? 14 19 24

- Ans**
- 1. 10
  - 2. 9
  - 3. 8
  - 4. 7

Question ID : 75189711674  
Option 1 ID : 75189746696  
Option 2 ID : 75189746695  
Option 3 ID : 75189746694  
Option 4 ID : 75189746693  
Status : Answered  
Chosen Option : 2

**Q.40** Which of the following ministries introduced the National Anti-Doping Bill, 2022, which was passed in the Rajya Sabha on 3 August 2022?

- Ans**
- 1. Ministry of Education
  - 2. Ministry of Youth Affairs and Sports
  - 3. Ministry of Home Affairs
  - 4. Ministry of Tribal affairs

Question ID : 75189711091  
Option 1 ID : 75189744361  
Option 2 ID : 75189744362  
Option 3 ID : 75189744364  
Option 4 ID : 75189744363  
Status : Answered  
Chosen Option : 2

**Q.41** Six friends, Udita, Varuni, Wasim, Hayati, Yash and Zunaid, 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. Zunaid lives on the floor immediately above Yash. Only one person lives between Udita and Varuni. Wasim lives immediately above Zunaid and immediately below Varuni.

Who lives on the second floor?

- Ans**
- 1. Udita
  - 2. Varuni
  - 3. Zunaid
  - 4. Wasim

Question ID : 75189711448

Option 1 ID : 75189745789

Option 2 ID : 75189745790

Option 3 ID : 75189745792

Option 4 ID : 75189745791

Status : Answered

Chosen Option : 3

**Q.42** Which of the given statements about non-metals is true?

- Ans**
- 1. Non-metals are electropositive in nature and form bonds by losing electrons.
  - 2. Non-metals are electronegative in nature and form bonds by gaining electrons.
  - 3. Non-metals are electropositive in nature and form bonds by gaining electrons.
  - 4. Non-metals are electronegative in nature and form bonds by losing electrons.

Question ID : 75189711944

Option 1 ID : 75189747776

Option 2 ID : 75189747775

Option 3 ID : 75189747774

Option 4 ID : 75189747773

Status : Not Answered

Chosen Option : --

**Q.43** What is the energy currency for most of the cellular processes?

- Ans**
- 1. ATP
  - 2. Pyruvate
  - 3. Glucose
  - 4. ADP

Question ID : 7518977796

Option 1 ID : 75189731182

Option 2 ID : 75189731184

Option 3 ID : 75189731183

Option 4 ID : 75189731181

Status : Answered

Chosen Option : 1

Q.44 A number when decreased by  $37\frac{1}{2}\%$ , gives 375. The number is:

- Ans
- 1. 500
  - 2. 800
  - 3. 700
  - 4. 600

Question ID : 7518978658  
Option 1 ID : 75189734632  
Option 2 ID : 75189734629  
Option 3 ID : 75189734630  
Option 4 ID : 75189734631  
Status : Answered  
Chosen Option : 4

Q.45 Which of the following months are the season of retreating monsoon in India?

- Ans
- 1. Mid-June to mid-September
  - 2. March to mid-June
  - 3. Mid-December to February
  - 4. October to November

Question ID : 7518977531  
Option 1 ID : 75189730124  
Option 2 ID : 75189730123  
Option 3 ID : 75189730121  
Option 4 ID : 75189730122  
Status : Not Answered

Chosen Option : --

Q.46 'Malmal' is the finest variety of:

- Ans
- 1. linen
  - 2. crepe
  - 3. muslin
  - 4. chiffon

Question ID : 7518977240  
Option 1 ID : 75189728960  
Option 2 ID : 75189728959  
Option 3 ID : 75189728958  
Option 4 ID : 75189728957  
Status : Not Answered

Chosen Option : --



**Q.47** Balaram sells a Bluetooth device to Krishna at a profit of 12%. Krishna sells it to Arjun at a profit of 10%. If Arjun pays ₹1,540 for it, what is the cost price of the Bluetooth device for Krishna?

- Ans**
- 1. ₹1,400
  - 2. ₹1,250
  - 3. ₹1,320
  - 4. ₹1,370

Question ID : **75189711195**  
Option 1 ID : **75189744777**  
Option 2 ID : **75189744779**  
Option 3 ID : **75189744778**  
Option 4 ID : **75189744780**  
Status : **Answered**  
Chosen Option : **2**

**Q.48** If 10 March 2011 is a Thursday, then what will be the day of the week on 8 April 2022?

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

Question ID : **75189711665**  
Option 1 ID : **75189746660**  
Option 2 ID : **75189746659**  
Option 3 ID : **75189746657**  
Option 4 ID : **75189746658**  
Status : **Answered**  
Chosen Option : **3**

**Q.49** Five businessmen are sitting around a circular table facing the centre (but not necessarily in the same order). X is an immediate neighbour of Y and Z. W is to the immediate left of Y and right of Q. Who is sitting to the immediate left of W?

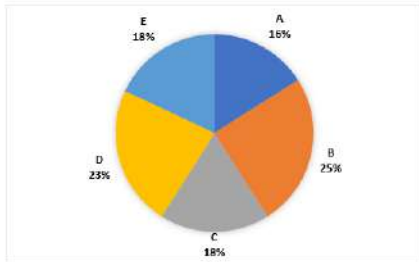
- Ans**
- 1. Y
  - 2. Q
  - 3. Z
  - 4. X

Question ID : **75189711222**  
Option 1 ID : **75189744885**  
Option 2 ID : **75189744886**  
Option 3 ID : **75189744888**  
Option 4 ID : **75189744887**  
Status : **Answered**  
Chosen Option : **2**

Q.50

Study the pie chart and answer the question that follows.

The following pie chart gives the information about the production of sugar in different districts as percentage of total sugar production in all districts put together in a State.



The production of sugar from district C is how much percentage less than that of the production of sugar from district B?

- Ans
- 1. 8%
  - 2. 16%
  - 3. 35%
  - 4. 28%

Question ID : 75189711658

Option 1 ID : 75189746630

Option 2 ID : 75189746631

Option 3 ID : 75189746632

Option 4 ID : 75189746629

Status : Answered

Chosen Option : 4

Q.51 Which of the following festivals is predominantly celebrated in Varanasi on a full moon day, 15 days after Diwali, on the ghats of River Ganga?

- Ans
- 1. Makar Sankranti
  - 2. Rath Yatra
  - 3. Chhath Pooja
  - 4. Dev Deepawali

Question ID : 7518978851

Option 1 ID : 75189735401

Option 2 ID : 75189735404

Option 3 ID : 75189735403

Option 4 ID : 75189735402

Status : Not Answered

Chosen Option : --

**Q.52** Absence of oxygen as in anaerobic fermentations by yeast cells convert pyruvate into \_\_\_\_\_.

- Ans**
- 1. Lactic acid + Energy
  - 2. Ethanol + lactic acid + Energy
  - 3. Ethanol + Carbon dioxide + Energy
  - 4. Ethanol + Carbon dioxide + Water + Energy

Question ID : 75189710160

Option 1 ID : 75189740637

Option 2 ID : 75189740638

Option 3 ID : 75189740640

Option 4 ID : 75189740639

Status : Not Answered

Chosen Option : --

**Q.53** 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:**

All packets are urns.

No urn is a truck.

All trucks are drums.

**Conclusions:**

I. Some packets are drums.

II. Some drums are urns.

III. All drums are truck.

- Ans**
- 1. Only conclusions I and II follow.
  - 2. Only conclusions II and III follow.
  - 3. None of the conclusions follow.
  - 4. Only conclusions I and III follow.

Question ID : 75189711473

Option 1 ID : 75189745891

Option 2 ID : 75189745890

Option 3 ID : 75189745892

Option 4 ID : 75189745889

Status : Answered

Chosen Option : 3

**Q.54** Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

(123, 90, 68)

(61, 28, 6)

- Ans**
- 1. (114,82,60)
  - 2. (85,52,29)
  - 3. (143,110,88)
  - 4. (68,36,14)

Question ID : 75189710934  
Option 1 ID : 75189743733  
Option 2 ID : 75189743736  
Option 3 ID : 75189743734  
Option 4 ID : 75189743735  
Status : Not Answered  
Chosen Option : --

**Q.55** Is safe sex the only method to prevent transmission of HIV?

- Ans**
- 1. Yes. It is the only method and usage of condoms is recommended
  - 2. No. The primary route of transmission of HIV is drug use only.
  - 3. No. There are other methods like preventing use of infected needles and transfusion of infected blood.
  - 4. No. The safest method is to avoid sex completely.

Question ID : 75189710114  
Option 1 ID : 75189740453  
Option 2 ID : 75189740454  
Option 3 ID : 75189740456  
Option 4 ID : 75189740455  
Status : Answered  
Chosen Option : 1

**Q.56** Penna river of South India originates from which of the following hills?

- Ans**
- 1. Nandi Hills
  - 2. Anamalai Hills
  - 3. Ashambu Hills
  - 4. Shivalik Hills

Question ID : 75189710592  
Option 1 ID : 75189742367  
Option 2 ID : 75189742365  
Option 3 ID : 75189742368  
Option 4 ID : 75189742366  
Status : Not Answered  
Chosen Option : --

Q.57 Geetha spends 70% of her monthly income. If her monthly savings is ₹15,600, then her monthly income is:

- Ans
- 1. ₹60,000
  - 2. ₹45,000
  - 3. ₹52,000
  - 4. ₹54,000

Question ID : 75189711189  
Option 1 ID : 75189744756  
Option 2 ID : 75189744755  
Option 3 ID : 75189744753  
Option 4 ID : 75189744754  
Status : Answered  
Chosen Option : 3

Q.58 Which of the following statements is correct with respect to Alkanes?

- Ans
- 1. Unsaturated hydrocarbons contain one or more single bonds.
  - 2. Saturated hydrocarbons contain one or more double bonds.
  - 3. Saturated hydrocarbons contain one or more single bonds.
  - 4. Unsaturated hydrocarbons contain one or more double bonds.

Question ID : 75189711847  
Option 1 ID : 75189747387  
Option 2 ID : 75189747385  
Option 3 ID : 75189747388  
Option 4 ID : 75189747386  
Status : Answered  
Chosen Option : 3

Q.59 The cost price of an article is ₹1,200. The vendor wants to earn a profit of 15% after giving a discount of 10%. What is the marked price of the article? [Give your answer correct to the nearest integer.]

- Ans
- 1. ₹1,566
  - 2. ₹1,433
  - 3. ₹1,466
  - 4. ₹1,533

Question ID : 7518979952  
Option 1 ID : 75189739807  
Option 2 ID : 75189739805  
Option 3 ID : 75189739806  
Option 4 ID : 75189739808  
Status : Answered  
Chosen Option : 4

**Q.60** Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

A169D, B144E, C121F, D100G, ?

- Ans
- 1. I81F
  - 2. H81E
  - 3. E81H
  - 4. F81I

Question ID : 75189711519  
 Option 1 ID : 75189746076  
 Option 2 ID : 75189746074  
 Option 3 ID : 75189746073  
 Option 4 ID : 75189746075

Status : Answered

Chosen Option : 3

**Q.61** The roots of the quadratic equation  $3x^2 - 2\sqrt{6}x + 2 = 0$  are:

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

Question ID : 75189710009  
 Option 1 ID : 75189740035  
 Option 2 ID : 75189740036  
 Option 3 ID : 75189740033  
 Option 4 ID : 75189740034

Status : Answered

Chosen Option : 3

**Q.62** The right to privacy which was recognised as a Fundamental Right by the Supreme Court in the landmark case 'Justice

K.S. Puttaswamy (Retd.) vs. Union of India 2017', emerges primarily from \_\_\_\_\_ of the Constitution of India.

- Ans
- 1. Article 18
  - 2. Article 19
  - 3. Article 21
  - 4. Article 20

Question ID : 75189710601  
 Option 1 ID : 75189742401  
 Option 2 ID : 75189742402  
 Option 3 ID : 75189742404  
 Option 4 ID : 75189742403

Status : Answered

Chosen Option : 2

**Q.63** Six friends- A, B, D, E, F and K got different ranks in class VIII final exams. Only two friends got higher rank than D and only four friends got lower rank than B. K's rank was immediately higher than B. E had 4th rank from top. A had the lowest rank among the six friends.  
Who got the highest rank among the six friends?

- Ans**
- 1. E
  - 2. B
  - 3. K
  - 4. F

Question ID : 75189710748  
Option 1 ID : 75189742990  
Option 2 ID : 75189742992  
Option 3 ID : 75189742991  
Option 4 ID : 75189742989  
Status : Answered  
Chosen Option : 3

**Q.64** Group 2<sup>nd</sup> elements in the modern periodic table are also known as:

- Ans**
- 1. alkaline earth metals
  - 2. transition metals
  - 3. inert gases
  - 4. alkali metals

Question ID : 75189711913  
Option 1 ID : 75189747651  
Option 2 ID : 75189747652  
Option 3 ID : 75189747649  
Option 4 ID : 75189747650  
Status : Answered  
Chosen Option : 1

**Q.65** Which portal was launched by Union Minister of Labour and Employment for better execution of various social security schemes for unorganised sector workers in August 2021?

- Ans**
- 1. e-labour portal
  - 2. e-employment portal
  - 3. e-shram portal
  - 4. e-rozgar portal

Question ID : 75189710418  
Option 1 ID : 75189741671  
Option 2 ID : 75189741672  
Option 3 ID : 75189741669  
Option 4 ID : 75189741670  
Status : Not Answered  
Chosen Option : --

**Q.66** A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement:

Children below the age of 5 years should not be allowed too much of screen time a day.

Assumptions:

- I. Too much screen time for growing children will affect them adversely.
- II. Limited screen time is not detrimental to children below 5 years of age.

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

Question ID : 75189711702

Option 1 ID : 75189746807

Option 2 ID : 75189746805

Option 3 ID : 75189746806

Option 4 ID : 75189746808

Status : Not Answered

Chosen Option : --

**Q.67** The quadratic equation whose roots are  $\frac{1}{\sqrt{2}}$  and  $\frac{1}{\sqrt{2}}$  is:

- Ans**
- 1.  $2x^2 - 2\sqrt{2}x + 2 = 0$
  - 2.  $2x^2 - 3\sqrt{2}x + 2 = 0$
  - 3.  $2x^2 - 3\sqrt{2}x + 1 = 0$
  - 4.  $2x^2 - 2\sqrt{2}x + 1 = 0$

Question ID : 75189710011

Option 1 ID : 75189740042

Option 2 ID : 75189740041

Option 3 ID : 75189740043

Option 4 ID : 75189740044

Status : Answered

Chosen Option : 4



Q.68

As on 31<sup>st</sup> March 2022 who among the following became India's first woman to win ICC women's cricketer of the year twice?

Ans

- 1. Meghna Singh
- 2. Smriti Mandhana
- 3. Renuka Singh
- 4. Simran Bahadur

Question ID : 7518973751

Option 1 ID : 75189715004

Option 2 ID : 75189715003

Option 3 ID : 75189715002

Option 4 ID : 75189715001

Status : Answered

Chosen Option : 2

Q.69 The heat produced in a resistor of  $100\ \Omega$  when a current of 5A passes through it for 15 minutes is:

Ans

- 1.  $3.25 \times 10^6\ \text{J}$
- 2.  $2.25 \times 10^6\ \text{J}$
- 3.  $1.15 \times 10^7\ \text{J}$
- 4.  $1.05 \times 10^7\ \text{J}$

Question ID : 75189711314

Option 1 ID : 75189745253

Option 2 ID : 75189745254

Option 3 ID : 75189745255

Option 4 ID : 75189745256

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.70 Which of the following statements are correct?

- (A) All children will inherit an X chromosome from their mother.
- (B) A child who inherits an X chromosome from her mother will be a girl.
- (C) Women have a perfect pair of sex chromosomes; both are called X.
- (D) A child who inherits a Y chromosome from his father will be a boy.

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

Question ID : 75189710252  
Option 1 ID : 75189741008  
Option 2 ID : 75189741007  
Option 3 ID : 75189741006  
Option 4 ID : 75189741005  
Status : Not Answered  
Chosen Option : --

Q.71 The position of an object placed in front of a concave mirror that gives a real, inverted image at infinity is:

- Ans
- 1. at pole
  - 2. at focus F
  - 3. between pole P and focus F
  - 4. at centre of curvature C

Question ID : 7518979477  
Option 1 ID : 75189737905  
Option 2 ID : 75189737906  
Option 3 ID : 75189737908  
Option 4 ID : 75189737907  
Status : Answered  
Chosen Option : 2

**Q.72** 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:**

- Few desks are blades.
- Most blades are pillows.
- All pillows are flowers.

**Conclusions:**

- I. Few desks are pillows.
- II. Some flowers are desks.
- III. Some flowers are blades.

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

Question ID : 75189711469

Option 1 ID : 75189745876

Option 2 ID : 75189745875

Option 3 ID : 75189745874

Option 4 ID : 75189745873

Status : Answered

Chosen Option : 2

**Q.73** In July 2021, Team India 2021 won \_\_\_\_\_ Grand Awards and 8 Special Awards at the Regeneration International Science and Engineering Fair (ISEF).

- Ans**
- 1. 6
  - 2. 9
  - 3. 7
  - 4. 10

Question ID : 7518978826

Option 1 ID : 75189735301

Option 2 ID : 75189735303

Option 3 ID : 75189735302

Option 4 ID : 75189735304

Status : Not Answered

Chosen Option : --

**Q.74** 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 | 2 | 9 | % | 4 | @ | * | 3 | 7 | 6 | 5 | \$ | 3 | ^ | # |
| Code Letter    | G | F | D | O | H | A | C | M | K | S | L  | T | M | B |

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 % 2 4 \* 9 ?

- Ans**
- 1. DOAGF
  - 2. DGOAF
  - 3. FGOAD
  - 4. FGAOD

Question ID : 75189711054  
 Option 1 ID : 75189744216  
 Option 2 ID : 75189744215  
 Option 3 ID : 75189744214  
 Option 4 ID : 75189744213  
 Status : Answered  
 Chosen Option : 3

**Q.75** A ray of white light is incident on a refracting surface AB of a glass prism and emerges out of the other refracting surface AC. Consider the following statements:

- (a) The angle of refraction at surface AB is different for different colours of white light.
- (b) The angle of refraction at the surface AC is different for different colours.

Which of the above statements is/are correct?

- Ans**
- 1. Both (a) and (b)
  - 2. Only (b)
  - 3. Neither (a) nor (b)
  - 4. Only (a)

Question ID : 7518976645  
 Option 1 ID : 75189726579  
 Option 2 ID : 75189726578  
 Option 3 ID : 75189726580  
 Option 4 ID : 75189726577  
 Status : Not Answered  
 Chosen Option : --

Q.76 Which of the following statements is correct for washing soda?

- Ans
- 1. Washing soda is  $\text{Na}_2\text{CO}_3$ .
  - 2. Washing soda is used for the preparation of glass.
  - 3. Washing soda is a decolorising agent.
  - 4. Washing soda is used for the production of  $\text{H}_2$  and  $\text{Cl}_2$ .

Question ID : 75189710367

Option 1 ID : 75189741468

Option 2 ID : 75189741465

Option 3 ID : 75189741467

Option 4 ID : 75189741466

Status : Answered

Chosen Option : 1

Q.77 Each vowel in the word 'FOURTH' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter of the word thus formed is arranged in alphabetical order, which letter will be third from the left?

- Ans
- 1. P
  - 2. Q
  - 3. S
  - 4. G

Question ID : 75189711530

Option 1 ID : 75189746117

Option 2 ID : 75189746119

Option 3 ID : 75189746120

Option 4 ID : 75189746118

Status : Answered

Chosen Option : 1

Q.78 Five students are sitting around a square table facing the centre. Ram and Sonu are both sitting in the two left corners each (but not necessarily in the same order), Sita and Kamal are both sitting in the two right corners each (but not necessarily in the same order). Ritu is an immediate neighbour of Sita and Kamal. Sita is sitting second to the left of Kamal. Who is sitting to the immediate left of Kamal?

- Ans
- 1. Ram
  - 2. Ritu
  - 3. Sita
  - 4. Sonu

Question ID : 75189711223

Option 1 ID : 75189744892

Option 2 ID : 75189744890

Option 3 ID : 75189744891

Option 4 ID : 75189744889

Status : Answered

Chosen Option : 2

**Q.79** Preeti is walking towards the south and after covering some distance, she turns to her left, then takes a turn towards the right, and finally takes a left turn. In which direction is she going now? (All turns are 90 degree turns only)

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

Question ID : 75189711591  
Option 1 ID : 75189746362  
Option 2 ID : 75189746363  
Option 3 ID : 75189746361  
Option 4 ID : 75189746364  
Status : Answered  
Chosen Option : 2

**Q.80** 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:

- All doctors are surgeons.
- Some nurses are surgeons.
- Some nurses are students.

Conclusions:

- I. Some doctors are students.
- II. Some surgeons are doctors.
- III. Some doctors are nurses.

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

Question ID : 75189711679  
Option 1 ID : 75189746715  
Option 2 ID : 75189746716  
Option 3 ID : 75189746713  
Option 4 ID : 75189746714  
Status : Answered  
Chosen Option : 2

**Q.81** What digit should come in the place of 'x' so that the given 6-digit number: 28x232 is exactly divisible by 88?

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

Question ID : 75189711395  
 Option 1 ID : 75189745580  
 Option 2 ID : 75189745579  
 Option 3 ID : 75189745578  
 Option 4 ID : 75189745577  
 Status : Answered  
 Chosen Option : 1

**Q.82** This question is based on the following 3-letter words:

(Left) FRY CAT GUN NOT (Right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

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

Question ID : 75189710862  
 Option 1 ID : 75189743445  
 Option 2 ID : 75189743447  
 Option 3 ID : 75189743448  
 Option 4 ID : 75189743446  
 Status : Answered  
 Chosen Option : 1

**Q.83** In which of the following years was the Official Languages Act enacted?

- Ans
- 1. 1963
  - 2. 1966
  - 3. 1964
  - 4. 1965

Question ID : 75189710550  
 Option 1 ID : 75189742197  
 Option 2 ID : 75189742200  
 Option 3 ID : 75189742198  
 Option 4 ID : 75189742199  
 Status : Not Answered  
 Chosen Option : --

Q.84 The decimal equivalent of 50% of 50% is \_\_\_\_\_.

- Ans
- 1. 25
  - 2. 50
  - 3. 0.50
  - 4. 0.25

Question ID : 75189710640  
Option 1 ID : 75189742557  
Option 2 ID : 75189742558  
Option 3 ID : 75189742560  
Option 4 ID : 75189742559  
Status : Answered  
Chosen Option : 4

Q.85 Which of the following statements is true for a solution with high concentration of hydroxide ions?

- Ans
- 1. Solution is basic with high pH value.
  - 2. Solution is acidic with high pH value.
  - 3. Solution is basic with low pH value.
  - 4. Solution is acidic with low pH value.

Question ID : 75189711897  
Option 1 ID : 75189747587  
Option 2 ID : 75189747586  
Option 3 ID : 75189747585  
Option 4 ID : 75189747588  
Status : Answered  
Chosen Option : 1

Q.86 Which of the following wastes cause least damage to the environment?

- Ans
- 1. Chemical pesticides
  - 2. Paper cups
  - 3. Polythene bags
  - 4. Plastic bottles

Question ID : 7518977866  
Option 1 ID : 75189731464  
Option 2 ID : 75189731461  
Option 3 ID : 75189731462  
Option 4 ID : 75189731463  
Status : Answered  
Chosen Option : 2



Q.87 In triangle DEF, side EF is produced to G. If  $\angle DFG = 110^\circ$  and  $EF = DF$ , then  $\angle DEF$  measures:

- Ans
- 1.  $40^\circ$
  - 2.  $70^\circ$
  - 3.  $55^\circ$
  - 4.  $45^\circ$

Question ID : 75189711216  
 Option 1 ID : 75189744864  
 Option 2 ID : 75189744861  
 Option 3 ID : 75189744862  
 Option 4 ID : 75189744863  
 Status : Answered  
 Chosen Option : 3

Q.88 In which cell should iron be placed in the following table?

|                | Biodegradable | Non-biodegradable |
|----------------|---------------|-------------------|
| Recyclable     | A             | B                 |
| Non-recyclable | C             | D                 |

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

Question ID : 75189710131  
 Option 1 ID : 75189740524  
 Option 2 ID : 75189740523  
 Option 3 ID : 75189740521  
 Option 4 ID : 75189740522  
 Status : Answered  
 Chosen Option : 3

Q.89 Suppose a wire of aluminum is 1 m long, its cross-sectional area is  $10^{-2} \text{ mm}^2$ , and its resistance is  $2.8 \Omega$ . If it is stretched to 8 times its original length, then its resistivity will be:

- Ans
- 1.  $2.8 \times 10^{-8} \Omega \text{ m}$
  - 2.  $1.8 \times 10^{-7} \Omega \text{ m}$
  - 3.  $2.8 \times 10^{-7} \Omega \text{ m}$
  - 4.  $8.8 \times 10^{-8} \Omega \text{ m}$

Question ID : 75189711320  
 Option 1 ID : 75189745277  
 Option 2 ID : 75189745279  
 Option 3 ID : 75189745280  
 Option 4 ID : 75189745278  
 Status : Not Answered  
 Chosen Option : --

**Q.90** Find the smallest natural number which must be subtracted from 2430 to get a perfect square.

- Ans
- 1. 25
  - 2. 29
  - 3. 36
  - 4. 26

Question ID : 75189711385

Option 1 ID : 75189745537

Option 2 ID : 75189745539

Option 3 ID : 75189745540

Option 4 ID : 75189745538

Status : Answered

Chosen Option : 2

**Q.91** If '+' means '-', '-' means '×', '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

$$15 - 4 \div 2 + 10 \times 2 = ?$$

- Ans
- 1. 55
  - 2. 56
  - 3. 58
  - 4. 57

Question ID : 75189711638

Option 1 ID : 75189746549

Option 2 ID : 75189746550

Option 3 ID : 75189746552

Option 4 ID : 75189746551

Status : Answered

Chosen Option : 4

**Q.92** Select the compounds 'A' and 'B' produced in the given reaction.



- Ans
- 1.  $(\text{CH}_3\text{COO})_2\text{Na}$  and  $\text{H}_2\text{O}$
  - 2.  $\text{CH}_3\text{COONa}$  and  $\text{H}_2\text{O}$
  - 3.  $\text{NaHCO}_3$  and  $\text{H}_2\text{O}$
  - 4.  $\text{Na}_2\text{CO}_3$  and  $\text{H}_2\text{O}$

Question ID : 75189711883

Option 1 ID : 75189747532

Option 2 ID : 75189747530

Option 3 ID : 75189747531

Option 4 ID : 75189747529

Status : Answered

Chosen Option : 2

Q.93 Which of the following numbers will replace the question mark (?) in the given series?

27, 54, 42, 84, 72, 144, ?

- Ans
- ✓ 1. 132
  - ✗ 2. 156
  - ✗ 3. 138
  - ✗ 4. 152

Question ID : 75189711244  
 Option 1 ID : 75189744976  
 Option 2 ID : 75189744973  
 Option 3 ID : 75189744974  
 Option 4 ID : 75189744975  
 Status : Answered  
 Chosen Option : 1

Q.94 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/<br>Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | \$ | 1 | ^ | 7 | 9 | * | @ |
| Code              | S | U | T | W | N | P | V | D | A  | Z | J | M | O | M | Y |

Conditions:

- (i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.
- (ii) If the first element is a symbol, then the first element will be coded as ©.
- (iii) If both the first and second elements are numbers, then the third element will be coded as \*.

What will be the code for the following?

% 6 8 4 @

- Ans
- ✗ 1. TYUS@
  - ✗ 2. @SUTY
  - ✗ 3. YTUS@
  - ✓ 4. ©SUTY

Question ID : 75189711569  
 Option 1 ID : 75189746276  
 Option 2 ID : 75189746275  
 Option 3 ID : 75189746274  
 Option 4 ID : 75189746273  
 Status : Answered  
 Chosen Option : 4

Q.95 The sum of the roots of  $x^2 - px + q = 0$  is \_\_\_\_\_.

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

Question ID : 75189710710  
Option 1 ID : 75189742838  
Option 2 ID : 75189742837  
Option 3 ID : 75189742840  
Option 4 ID : 75189742839  
Status : Answered  
Chosen Option : 3

Q.96 Instant messaging platform WhatsApp launched a UPI payment service in a graded manner in India in \_\_\_\_\_.

- Ans
- 1. November 2020
  - 2. December 2020
  - 3. September 2020
  - 4. October 2020

Question ID : 7518978554  
Option 1 ID : 75189734215  
Option 2 ID : 75189734214  
Option 3 ID : 75189734216  
Option 4 ID : 75189734213  
Status : Not Answered  
Chosen Option : --

Q.97 According to Fleming's right hand rule, the direction of the motion of the conductor and the direction of the induced EMF are:

- Ans
- 1. the same
  - 2. opposite
  - 3. perpendicular
  - 4. parallel

Question ID : 75189711377  
Option 1 ID : 75189745505  
Option 2 ID : 75189745508  
Option 3 ID : 75189745506  
Option 4 ID : 75189745507  
Status : Not Answered  
Chosen Option : --

**Q.98** Study the table and answer the question that follows. (High. = highest marks and Ave. = average marks)

| Year | English |      | Maths |      | Science |      | Social Science |      |
|------|---------|------|-------|------|---------|------|----------------|------|
|      | High.   | Ave. | High. | Ave. | High.   | Ave. | High.          | Ave. |
| 2018 | 80      | 70   | 94    | 60   | 89      | 70   | 65             | 55   |
| 2019 | 82      | 65   | 85    | 62   | 95      | 64   | 66             | 58   |
| 2020 | 71      | 56   | 92    | 68   | 97      | 68   | 68             | 48   |
| 2021 | 75      | 52   | 91    | 64   | 92      | 75   | 77             | 58   |

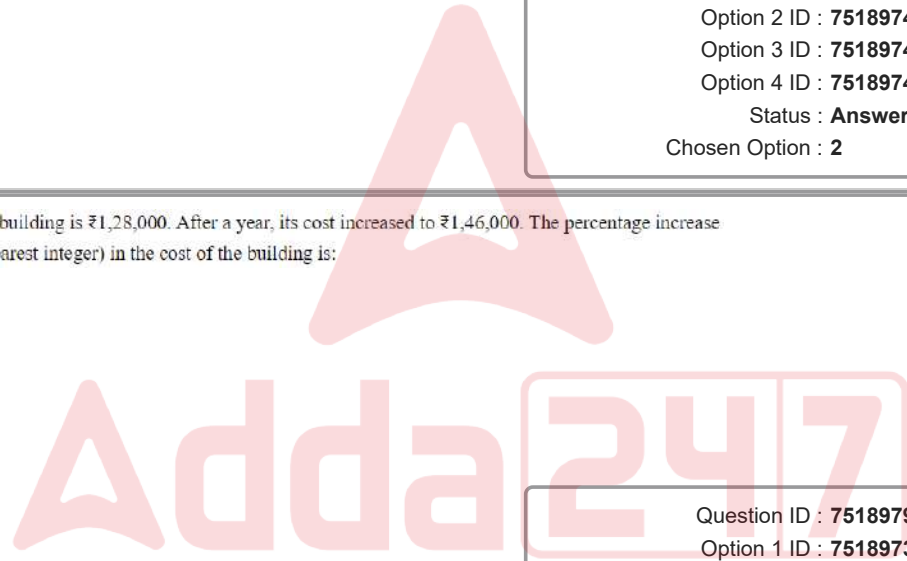
What is the overall average of the marks in all four subjects in the year 2020, considering that equal number of students appeared for all these exams?

- Ans**
- 1. 58
  - 2. 60
  - 3. 62
  - 4. 55

Question ID : **75189711659**  
 Option 1 ID : **75189746634**  
 Option 2 ID : **75189746635**  
 Option 3 ID : **75189746636**  
 Option 4 ID : **75189746633**  
 Status : **Answered**  
 Chosen Option : **2**

**Q.99** The present cost of a building is ₹1,28,000. After a year, its cost increased to ₹1,46,000. The percentage increase (rounded off to the nearest integer) in the cost of the building is:

- Ans**
- 1. 13
  - 2. 12
  - 3. 15
  - 4. 14



Question ID : **7518979921**  
 Option 1 ID : **75189739682**  
 Option 2 ID : **75189739681**  
 Option 3 ID : **75189739684**  
 Option 4 ID : **75189739683**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.100** Mahesh earned ₹1,23,450, ₹1,34,900, ₹98,640, ₹1,26,500, and ₹1,42,000 as his monthly salaries (inclusive of incentives) during the first five months of a year. What is the mean salary (inclusive of incentives) earned every month by Mahesh during the first five months of the given year?

- Ans**
- 1. ₹1,24,975
  - 2. ₹1,24,678
  - 3. ₹1,25,346
  - 4. ₹1,25,098

Question ID : 75189711399  
Option 1 ID : 75189745595  
Option 2 ID : 75189745596  
Option 3 ID : 75189745593  
Option 4 ID : 75189745594  
Status : Answered  
Chosen Option : 4

