



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.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 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 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. Bhubaneshwar
 - ☐ 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 $\frac{1}{6}$ 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 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 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 73rd 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 '+'?

$$14 \times 2 + 5 - 36 \div 8 = ?$$

- 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, Udit, Varun, 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 Udit and Varun. Wasim lives immediately above Zunaid and immediately below Varun.

Who lives on the second floor?

- Ans**
- ☒ 1. Udit
 - ☒ 2. Varun
 - ☒ 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**

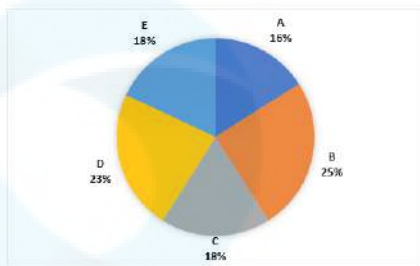
Status : **Answered**

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 anerobic 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 2nd 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 31st 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 Regeneron 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 \odot .
- (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 Na_2CO_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 H_2 and 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°
 - ☒ 2. 70°
 - ☒ 3. 55°
 - ☒ 4. 45°

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} mm^2 , and its resistance is 2.8Ω . 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 H_2O
 - ☒ 2. CH_3COONa and H_2O
 - ☒ 3. NaHCO_3 and H_2O
 - ☒ 4. Na_2CO_3 and H_2O

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/ 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