



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 TUPUDANA
Test Date	26/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

* Note

Correct Answer will carry 1 mark per Question.

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

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

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

Section : Level 1

Q.1 In a seminar, the number of participants in subjects A, B and C are 96, 160 and 224, respectively. Find the minimum number of rooms required, if in each room the same number of participants are seated and all participants in a room are from the same subject.

- Ans ☒ 1. 24
☒ 2. 32
☒ 3. 12
☒ 4. 15

Question ID : 75189712615

Option 1 ID : 75189750459

Option 2 ID : 75189750460

Option 3 ID : 75189750457

Option 4 ID : 75189750458

Status : Answered

Chosen Option : 4

Q.2 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Trees are Bushes.
All Bushes are Leaves.
Some Leaves are Green.

Conclusions:

(I) Some Bushes are Green.
(II) Some Trees are Leaves.

Ans ✓ 1. Only conclusion (II) follows.

✗ 2. Both conclusions (I) and (II) follow.

✗ 3. Neither conclusion (I) nor (II) follows.

✗ 4. Only conclusion (I) follows.

Question ID : 75189714594

Option 1 ID : 75189758374

Option 2 ID : 75189758375

Option 3 ID : 75189758376

Option 4 ID : 75189758373

Status : Answered

Chosen Option : 1

Q.3 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

(10, 150, 3)

(8, 80, 2)

Ans ✓ 1. (18, 270, 3)

✗ 2. (12, 197, 4)

✗ 3. (11, 188, 6)

✗ 4. (10, 401, 9)

Question ID : 75189711621

Option 1 ID : 75189746483

Option 2 ID : 75189746482

Option 3 ID : 75189746484

Option 4 ID : 75189746481

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.4

- Ans
- ☒ 1. 270°
 - ☒ 2. 390°
 - ☒ 3. 360°
 - ☒ 4. 180°

Question ID : 75189713412
Option 1 ID : 75189753647
Option 2 ID : 75189753648
Option 3 ID : 75189753646
Option 4 ID : 75189753645
Status : Answered
Chosen Option : 3

Q.5 If the cost price of an article is ₹800 and if a 15% loss is incurred on selling the article, find the selling price.

- Ans
- ☒ 1. ₹680
 - ☒ 2. ₹860
 - ☒ 3. ₹780
 - ☒ 4. ₹760

Question ID : 75189712963
Option 1 ID : 75189751851
Option 2 ID : 75189751852
Option 3 ID : 75189751850
Option 4 ID : 75189751849
Status : Answered
Chosen Option : 1

Q.6 Which Act provided constitutional status to the Panchayati Raj institutions?

- Ans
- ☒ 1. 73rd Constitutional Amendment Act 1992
 - ☒ 2. 73rd Constitutional Amendment Act 1990
 - ☒ 3. 73rd Constitutional Amendment Act 1991
 - ☒ 4. 73rd Constitutional Amendment Act 1993

Question ID : 75189714080
Option 1 ID : 75189756320
Option 2 ID : 75189756318
Option 3 ID : 75189756317
Option 4 ID : 75189756319
Status : Answered
Chosen Option : 1

Q.7

- Ans
- ☒ 1. EGRX
 - ☒ 2. EIUZ
 - ☒ 3. EHPU
 - ☒ 4. EJSW

Question ID : 75189714914

Option 1 ID : 75189759653

Option 2 ID : 75189759655

Option 3 ID : 75189759656

Option 4 ID : 75189759654

Status : Answered

Chosen Option : 4

Q.8 K, L, M, N, O and P are six people sitting around a circular table facing the centre of the table at a wedding. K is the immediate neighbour of P and is seated second to the right of O. O is seated to the immediate left of M. N is an immediate neighbour of both P and L. Who is seated second to the right of L?

- Ans
- ☒ 1. O
 - ☒ 2. P
 - ☒ 3. M
 - ☒ 4. N

Question ID : 75189714718

Option 1 ID : 75189758872

Option 2 ID : 75189758871

Option 3 ID : 75189758870

Option 4 ID : 75189758869

Status : Answered

Chosen Option : 3

Q.9 2250 m of wire is used to fence a rectangular plot in three rounds. The length of the plot exceeds the breadth by 5 m. What is the length of the plot?

- Ans
- ☒ 1. 190 m
 - ☒ 2. 215 m
 - ☒ 3. 210 m
 - ☒ 4. 185 m

Question ID : 75189712069

Option 1 ID : 75189748276

Option 2 ID : 75189748273

Option 3 ID : 75189748274

Option 4 ID : 75189748275

Status : Answered

Chosen Option : 1

Q.10

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

Question ID : 75189711112

Option 1 ID : 75189744447

Option 2 ID : 75189744445

Option 3 ID : 75189744448

Option 4 ID : 75189744446

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

Chosen Option : --

Q.11 If in each of the following words, each letter is changed to the previous letter in the English alphabetical order, how many words thus formed will have a vowel?

JUST, RIME, BEST, FAST, LOST, TIME

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

Question ID : 7518977990

Option 1 ID : 75189731958

Option 2 ID : 75189731960

Option 3 ID : 75189731959

Option 4 ID : 75189731957

Status : **Answered**

Chosen Option : 1

Q.12 A boat goes 30 km upstream and 44 km downstream in a total of 10 hours. It also goes 40 km upstream and 55 km downstream in a total of 13 hours. The speed of the stream is:

- Ans  1. 5 km/h
 2. 2 km/h
 3. 3 km/h
 4. 4 km/h

Question ID : 75189711784

Option 1 ID : 75189747134

Option 2 ID : 75189747135

Option 3 ID : 75189747133

Option 4 ID : 75189747136

Status : **Marked For Review**

Chosen Option : 3

Q.13

- Ans
- ☒ 1. 250 calorie
 - ☒ 2. 250 joule
 - ☒ 3. 50 joule
 - ☒ 4. 50 calorie

Question ID : 75189713830

Option 1 ID : 75189755319

Option 2 ID : 75189755317

Option 3 ID : 75189755318

Option 4 ID : 75189755320

Status : Answered

Chosen Option : 2

Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 6, 14, 41, ?

- Ans
- ☒ 1. 188
 - ☒ 2. 95
 - ☒ 3. 169
 - ☒ 4. 105

Question ID : 75189714134

Option 1 ID : 75189756535

Option 2 ID : 75189756536

Option 3 ID : 75189756533

Option 4 ID : 75189756534

Status : Answered

Chosen Option : 4

Q.15 G, H, I, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. Only one person lives above G. Only two people live between G and K. Neither J nor H live on the lowermost floor. I does not live on an odd-numbered floor. J lives immediately above K and immediately below H. Who lives on floor number 4?

- Ans
- ☒ 1. H
 - ☒ 2. L
 - ☒ 3. K
 - ☒ 4. J

Question ID : 75189713528

Option 1 ID : 75189754109

Option 2 ID : 75189754112

Option 3 ID : 75189754111

Option 4 ID : 75189754110

Status : Answered

Chosen Option : 1

Q.16

- Ans  1. 2
 2. 1
 3. 22
 4. 11

Question ID : 75189711998

Option 1 ID : 75189747991

Option 2 ID : 75189747992

Option 3 ID : 75189747989

Option 4 ID : 75189747990

Status : Answered

Chosen Option : 1

Q.17 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Few calciums are aldehydes

All aldehydes are rubidiums

All rubidiums are hydrogens

Conclusions:

(I) Some hydrogens are aldehydes

(II) Some rubidiums are aldehydes

(III) All aldehydes are hydrogens

- Ans  1. All conclusions I, II and III follow
 2. Only conclusion II follows
 3. Either conclusion I or III follows
 4. Only conclusion I follows

Question ID : 75189714516

Option 1 ID : 75189758064

Option 2 ID : 75189758062

Option 3 ID : 75189758063

Option 4 ID : 75189758061

Status : Answered

Chosen Option : 1

Q.18

- Ans
- ☒ 1. 1,150
 - ☒ 2. 1,200
 - ☒ 3. 1,040
 - ☒ 4. 1,160

Question ID : 75189712628

Option 1 ID : 75189750510

Option 2 ID : 75189750512

Option 3 ID : 75189750509

Option 4 ID : 75189750511

Status : Answered

Chosen Option : 2

Q.19 Six friends M, N, O, P, Q and R have their tests on a different day of week starting from Monday and ending on Saturday of the same week. Only two friends are having their tests before M's test. Only four friends are having their tests after Q's test. Only O has the test between the tests of P and N. Who amongst the following has the test on Monday?

- Ans
- ☒ 1. R
 - ☒ 2. O
 - ☒ 3. P
 - ☒ 4. N

Question ID : 75189713593

Option 1 ID : 75189754369

Option 2 ID : 75189754370

Option 3 ID : 75189754371

Option 4 ID : 75189754372

Status : Answered

Chosen Option : 1

Q.20 Which state government in 2022 has proposed to offer identity cards to six religious minority communities, which they can submit to avail benefits of the schemes meant for the minorities?

- Ans
- ☒ 1. Assam
 - ☒ 2. Odisha
 - ☒ 3. Haryana
 - ☒ 4. Nagaland

Question ID : 7518977169

Option 1 ID : 75189728673

Option 2 ID : 75189728676

Option 3 ID : 75189728675

Option 4 ID : 75189728674

Status : Answered

Chosen Option : 4

Q.21

- Ans  1. Badminton
 2. Chess
 3. Football
 4. Cricket

Question ID : 75189712559
Option 1 ID : 75189750236
Option 2 ID : 75189750234
Option 3 ID : 75189750235
Option 4 ID : 75189750233
Status : Answered
Chosen Option : 3

Q.22 Which of the following classical languages is known as the 'Italian of the East' as all words in this language end with vowel sound?

- Ans  1. Malayalam
 2. Telugu
 3. Marathi
 4. Kannada

Question ID : 75189714047
Option 1 ID : 75189756187
Option 2 ID : 75189756186
Option 3 ID : 75189756185
Option 4 ID : 75189756188
Status : Answered
Chosen Option : 4

Q.23 Which of the following numbers will replace the question mark (?) in the given series?

50 42 34 26 ?

- Ans  1. 14
 2. 16
 3. 17
 4. 18

Question ID : 75189712667
Option 1 ID : 75189750667
Option 2 ID : 75189750665
Option 3 ID : 75189750668
Option 4 ID : 75189750666
Status : Answered
Chosen Option : 4

Q.24

- Ans
- ☐ 1. variation in chromosomal number
 - ☐ 2. speciation of organisms
 - ☒ 3. the results of the Mendel's experiments
 - ☐ 4. mutation in species

Question ID : 75189714867

Option 1 ID : 75189759466

Option 2 ID : 75189759467

Option 3 ID : 75189759468

Option 4 ID : 75189759465

Status : Answered

Chosen Option : 2

Q.25 AD and BC are two poles, that are respectively 30 metres and 15 metres tall, and both stand upright in a playground. A and B, respectively the feet of the two poles AD and BC, are 36 metres apart and $\overline{CE} \parallel \overline{BA}$, intersecting $\overline{AD}$ at E. Find the ratio of the area of $\triangle DEC$ to the area of the rectangle ABCE.

- Ans
- ☐ 1. 2 : 1
 - ☐ 2. 1 : 3
 - ☐ 3. 3 : 1
 - ☒ 4. 1 : 2

Question ID : 75189711801

Option 1 ID : 75189747201

Option 2 ID : 75189747204

Option 3 ID : 75189747203

Option 4 ID : 75189747202

Status : Answered

Chosen Option : 4

Q.26 The given table shows the number of people of various age groups visiting a park in a locality. Find the modal age (in years) of the visitors (rounded off to one decimal place).

Age (years)	Number of persons
0 - 10	4
10 - 20	14
20 - 30	18
30 - 40	23
40 - 50	27
50 - 60	16
60 - 70	8

- Ans**
- ☒ 1. 43.7
 - ☒ 2. 47.2
 - ☒ 3. 42.1
 - ☒ 4. 42.7

Question ID : **75189713441**
Option 1 ID : **75189753761**
Option 2 ID : **75189753762**
Option 3 ID : **75189753764**
Option 4 ID : **75189753763**
Status : **Answered**
Chosen Option : **4**

Q.27 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Beaches are Sands.
Some Sands are Deserts.
All Beaches are Oceans.

Conclusions:

(I) Some Deserts are Beaches.
(II) Some Sands are Oceans.

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

Question ID : **75189714631**
Option 1 ID : **75189758523**
Option 2 ID : **75189758524**
Option 3 ID : **75189758521**
Option 4 ID : **75189758522**
Status : **Answered**
Chosen Option : **4**

Q.28

- Ans
- ☒ 1. Kavita Devi
 - ☒ 2. Sakshi Malik
 - ☒ 3. Vinesh Phogat
 - ☒ 4. Babita Kumari

Question ID : 75189712535

Option 1 ID : 75189750140

Option 2 ID : 75189750137

Option 3 ID : 75189750138

Option 4 ID : 75189750139

Status : Answered

Chosen Option : 2

Q.29 $9(x)$, $x + 6$, $7(x) - 3$ and y are in proportion when $x = 3$. Find the value of y .

- Ans
- ☒ 1. 63
 - ☒ 2. 54
 - ☒ 3. 45
 - ☒ 4. 6

Question ID : 75189712948

Option 1 ID : 75189751792

Option 2 ID : 75189751789

Option 3 ID : 75189751790

Option 4 ID : 75189751791

Status : Answered

Chosen Option : 4

Q.30 The hearts muscles contract and relax rhythmically, this rhythmic contraction followed by its relaxation constitute a heartbeat. Which instrument is used to measure heartbeats?

- Ans
- ☒ 1. Sphygmomanometer
 - ☒ 2. Potometer
 - ☒ 3. Stethoscope
 - ☒ 4. Oximeter

Question ID : 75189714850

Option 1 ID : 75189759398

Option 2 ID : 75189759400

Option 3 ID : 75189759397

Option 4 ID : 75189759399

Status : Answered

Chosen Option : 3

Q.31

- Ans ☒ 1. 8 times
☐ 2. 9 times
☐ 3. 7 times
☐ 4. 6 times

Question ID : 75189713406
Option 1 ID : 75189753621
Option 2 ID : 75189753623
Option 3 ID : 75189753622
Option 4 ID : 75189753624
Status : Answered
Chosen Option : 1

Q.32 44, 96 and 184, when divided by a number x , leaves the same remainder in each case. The largest value of x is:

- Ans ☐ 1. 6
☒ 2. 4
☐ 3. 8
☐ 4. 3

Question ID : 75189713278
Option 1 ID : 75189753111
Option 2 ID : 75189753110
Option 3 ID : 75189753112
Option 4 ID : 75189753109
Status : Answered
Chosen Option : 2

Q.33 Which of the following gases is evolved when limestone undergoes thermal decomposition?

- Ans ☐ 1. Hydrogen
☐ 2. Carbon monoxide
☒ 3. Carbon dioxide
☐ 4. Oxygen

Question ID : 75189711867
Option 1 ID : 75189747466
Option 2 ID : 75189747467
Option 3 ID : 75189747468
Option 4 ID : 75189747465
Status : Answered
Chosen Option : 3

Q.34

- Ans
- ☒ 1. $L < B$
 - ☒ 2. $P > L$
 - ☒ 3. $T > L$
 - ☒ 4. $P \leq W$

Question ID : 75189714199
Option 1 ID : 75189756795
Option 2 ID : 75189756796
Option 3 ID : 75189756793
Option 4 ID : 75189756794
Status : Answered
Chosen Option : 4

Q.35 Dobereiner tried to arrange the elements with similar properties into groups. For this he identified some groups having how many elements?

- Ans
- ☒ 1. 8
 - ☒ 2. 3
 - ☒ 3. 4
 - ☒ 4. 2

Question ID : 75189711917
Option 1 ID : 75189747666
Option 2 ID : 75189747667
Option 3 ID : 75189747668
Option 4 ID : 75189747665
Status : Answered
Chosen Option : 2

Q.36 What is the net resistance of two resistors 10 ohm and 40 ohm connected in parallel?

- Ans
- ☒ 1. 8 ohm
 - ☒ 2. $1/60$ ohm
 - ☒ 3. $1/8$ ohm
 - ☒ 4. 60 ohm

Question ID : 75189713811
Option 1 ID : 75189755243
Option 2 ID : 75189755242
Option 3 ID : 75189755244
Option 4 ID : 75189755241
Status : Answered
Chosen Option : 1

Q.37 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(13, 16, 21)
(28, 34, 45)

- Ans ☒ 1. (72, 45, 27)
☒ 2. (35, 12, 59)
☒ 3. (37, 18, 46)
☒ 4. (64, 26, 90)

Question ID : 75189714945

Option 1 ID : 75189759780

Option 2 ID : 75189759778

Option 3 ID : 75189759777

Option 4 ID : 75189759779

Status : Answered

Chosen Option : 3

Q.38 Ram's salary increased by 12% and then decreased by 8%. Find the overall percentage change in his salary.

- Ans ☒ 1. 3.4% increase
☒ 2. 3.4% decrease
☒ 3. 3.04% increase
☒ 4. 3.04% decrease

Question ID : 75189712937

Option 1 ID : 75189751748

Option 2 ID : 75189751747

Option 3 ID : 75189751745

Option 4 ID : 75189751746

Status : Answered

Chosen Option : 3

Q.39 Simplify $(x + 2)(2x + 5)(x - 4) + x^2 + 5x - 12$.

- Ans ☒ 1. $2x^3 + x^2 - 21x - 52$
☒ 2. $2x^3 + 2x^2 - 21x - 12$
☒ 3. $x^3 + 2x^2 - 21x - 52$
☒ 4. $2x^3 + 2x^2 - 21x - 52$

Question ID : 75189712060

Option 1 ID : 75189748239

Option 2 ID : 75189748240

Option 3 ID : 75189748237

Option 4 ID : 75189748238

Status : Answered

Chosen Option : 4

Q.40

- Ans ☐ 1. Article 358
☒ 2. Article 368
☐ 3. Article 366
☐ 4. Article 359

Question ID : 75189710487

Option 1 ID : 75189741945

Option 2 ID : 75189741946

Option 3 ID : 75189741948

Option 4 ID : 75189741947

Status : Answered

Chosen Option : 2

Q.41 In Flemming's left hand rule; the thumb, fore finger and centre finger respectively represent,

- Ans ☐ 1. Direction of magnetic field, current and force experienced
☐ 2. Direction of current, magnetic field and force experienced
☒ 3. Direction of force experienced, magnetic field and current
☐ 4. Direction of magnetic field, force experienced and current

Question ID : 75189713853

Option 1 ID : 75189755412

Option 2 ID : 75189755411

Option 3 ID : 75189755409

Option 4 ID : 75189755410

Status : Answered

Chosen Option : 3

Q.42 Which of the following materials are NOT biodegradable?

- Ans ☐ 1. A woollen blanket and a jute rope
☐ 2. A leather belt and a canvas shoe
☒ 3. Glass dish and plastic covers
☐ 4. A cardboard box and a paper bag

Question ID : 75189712315

Option 1 ID : 75189749258

Option 2 ID : 75189749259

Option 3 ID : 75189749260

Option 4 ID : 75189749257

Status : Answered

Chosen Option : 3

Q.43

- Ans
- ☒ 1. buds
 - ☐ 2. flowers
 - ☐ 3. leaves
 - ☐ 4. fruits

Question ID : 75189712573
Option 1 ID : 75189750292
Option 2 ID : 75189750291
Option 3 ID : 75189750289
Option 4 ID : 75189750290
Status : Answered
Chosen Option : 4

Q.44 The Steel Authority of India Limited was earlier known as _____.

- Ans
- ☐ 1. National Steel Limited (NSL)
 - ☐ 2. Bharat Steel Limited (BSL)
 - ☒ 3. Hindustan Steel Limited (HSL)
 - ☐ 4. Indian Steel Limited (ISL)

Question ID : 75189712495
Option 1 ID : 75189749977
Option 2 ID : 75189749980
Option 3 ID : 75189749979
Option 4 ID : 75189749978
Status : Not Answered
Chosen Option : --

Q.45 Compounds of carbon containing carbon-carbon double bond are known as:

- Ans
- ☐ 1. alkynes
 - ☐ 2. alkanes
 - ☒ 3. unsaturated compounds
 - ☐ 4. saturated compounds

Question ID : 75189712766
Option 1 ID : 75189751064
Option 2 ID : 75189751062
Option 3 ID : 75189751063
Option 4 ID : 75189751061
Status : Answered
Chosen Option : 3

Q.46

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

Question ID : **7518979131**
Option 1 ID : **75189736521**
Option 2 ID : **75189736522**
Option 3 ID : **75189736524**
Option 4 ID : **75189736523**
Status : **Answered**
Chosen Option : **2**

Q.47 The Reserve Bank of India was nationalised with effect from 1st January, _____.

- Ans  1. 1954
 2. 1949
 3. 1950
 4. 1952

Question ID : **75189714067**
Option 1 ID : **75189756268**
Option 2 ID : **75189756265**
Option 3 ID : **75189756266**
Option 4 ID : **75189756267**
Status : **Marked For Review**
Chosen Option : **2**

Q.48 What is the term used for an assessment of an individual's past credit history, which is usually shown as a number between 300 and 900?

- Ans  1. Credit Rating
 2. Trust Rating
 3. Accept Rating
 4. Status Rating

Question ID : **75189712481**
Option 1 ID : **75189749923**
Option 2 ID : **75189749922**
Option 3 ID : **75189749924**
Option 4 ID : **75189749921**
Status : **Answered**
Chosen Option : **1**

Q.49

- Ans
- ☐ 1. gastric juice
 - ☐ 2. tomato juice
 - ☐ 3. lemon juice
 - ☒ 4. milk of magnesia

Question ID : 75189714786

Option 1 ID : 75189759141

Option 2 ID : 75189759144

Option 3 ID : 75189759142

Option 4 ID : 75189759143

Status : Answered

Chosen Option : 4

Q.50 If a sum of ₹80,000 is invested for a year at 4% per annum compounded half yearly, then find the compound interest.

- Ans
- ☒ 1. ₹3,232
 - ☐ 2. ₹2,323
 - ☐ 3. ₹2,525
 - ☐ 4. ₹5,252

Question ID : 75189713305

Option 1 ID : 75189753217

Option 2 ID : 75189753218

Option 3 ID : 75189753220

Option 4 ID : 75189753219

Status : Answered

Chosen Option : 1

Q.51 The radius of curvature of a spherical mirror is 40 cm. Its focal length is _____ cm.

- Ans
- ☐ 1. 30
 - ☒ 2. 20
 - ☐ 3. 10
 - ☐ 4. 40

Question ID : 75189713743

Option 1 ID : 75189754971

Option 2 ID : 75189754969

Option 3 ID : 75189754972

Option 4 ID : 75189754970

Status : Answered

Chosen Option : 2

Q.52

- Ans
- ☒ 1. $P = VQt$
 - ☒ 2. $P = Vt/Q$
 - ☒ 3. $P = Qt/V$
 - ☒ 4. $P = VQ/t$

Question ID : 75189713825

Option 1 ID : 75189755297

Option 2 ID : 75189755300

Option 3 ID : 75189755298

Option 4 ID : 75189755299

Status : Answered

Chosen Option : 4

Q.53 The value of $(1 + \cot^2 \theta)(1 + \cos \theta)(1 - \cos \theta) + (1 - \sin \theta)(1 + \sin \theta)(1 + \tan^2 \theta)$ is:

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

Question ID : 75189712103

Option 1 ID : 75189748411

Option 2 ID : 75189748412

Option 3 ID : 75189748409

Option 4 ID : 75189748410

Status : Answered

Chosen Option : 2

Q.54 The Kamet peak of Himalaya is located in which state of India?

- Ans
- ☒ 1. Arunachal Pradesh
 - ☒ 2. Sikkim
 - ☒ 3. Himachal Pradesh
 - ☒ 4. Uttarakhand

Question ID : 7518977522

Option 1 ID : 75189730085

Option 2 ID : 75189730086

Option 3 ID : 75189730088

Option 4 ID : 75189730087

Status : Answered

Chosen Option : 4

Q.55 Eight friends, A, B, C, D, E, F, G and H, are sitting around a circular table facing the centre (but not necessarily in the same order). Only D is sitting between A and E. E is sitting second to the right of F. Only B is sitting between C and G. Only F is sitting between G and H.

What is F's position with respect to D?

- Ans**
- ☐ 1. To the immediate right
 - ☐ 2. To the immediate left
 - ☐ 3. Third to the right
 - ☒ 4. Third to the left

Question ID : 75189711424

Option 1 ID : 75189745696

Option 2 ID : 75189745695

Option 3 ID : 75189745693

Option 4 ID : 75189745694

Status : Answered

Chosen Option : 4

Q.56 Select the correct sequence of states according to the given sequence of cultural festivals celebrated in the respected states.

Hampi Dance Utsav, Mamallapuram Dance Utsav, Nishagandhi Festival, Taj Mahotsav

- Ans**
- ☐ 1. Kerala, Tamil Nadu, Karnataka, Uttar Pradesh
 - ☒ 2. Karnataka, Tamil Nadu, Kerala, Uttar Pradesh
 - ☐ 3. Uttar Pradesh, Tamil Nadu, Kerala, Karnataka
 - ☐ 4. Tamil Nadu, Karnataka, Kerala, Uttar Pradesh

Question ID : 75189713985

Option 1 ID : 75189755938

Option 2 ID : 75189755940

Option 3 ID : 75189755939

Option 4 ID : 75189755937

Status : Answered

Chosen Option : 2

Q.57 If '×' means '÷', '÷' means '+', '÷' means '+', and '÷' means '×', what will be the value of the following expression?

$$[(12 - 2) \times (3 \div 2)] + (12 \times 4)$$

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

Question ID : 75189714575

Option 1 ID : 75189758300

Option 2 ID : 75189758299

Option 3 ID : 75189758297

Option 4 ID : 75189758298

Status : Answered

Chosen Option : 3

Q.58

- Ans
- ☒ 1. 45
 - ☒ 2. 36
 - ☒ 3. 40
 - ☒ 4. 42

Question ID : 75189712631
Option 1 ID : 75189750524
Option 2 ID : 75189750521
Option 3 ID : 75189750522
Option 4 ID : 75189750523
Status : Answered
Chosen Option : 3

Q.59 In a particular language, AC is written as 13 and FG is written as 67. How will HI be written in that language?

- Ans
- ☒ 1. 81
 - ☒ 2. 75
 - ☒ 3. 73
 - ☒ 4. 89

Question ID : 75189713227
Option 1 ID : 75189752907
Option 2 ID : 75189752906
Option 3 ID : 75189752905
Option 4 ID : 75189752908
Status : Answered
Chosen Option : 4

Q.60 The data below gives the number of wickets taken by a bowler in 10 different matches. Find the mode of the data.

3, 4, 6, 3, 1, 3, 5, 4, 2, 2.

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

Question ID : 75189712989
Option 1 ID : 75189751955
Option 2 ID : 75189751954
Option 3 ID : 75189751953
Option 4 ID : 75189751956
Status : Answered
Chosen Option : 2

Q.61

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

Question ID : 75189713056

Option 1 ID : 75189752224

Option 2 ID : 75189752221

Option 3 ID : 75189752222

Option 4 ID : 75189752223

Status : Answered

Chosen Option : 1

Q.62 What type of forest underwent a remarkable recovery with the active and willing participation of the local community in the Arabari forest range of Midnapore district?

- Ans
- ☒ 1. Sandalwood forests
 - ☒ 2. Teak forests
 - ☒ 3. Sal forests
 - ☒ 4. Neem forests

Question ID : 75189710294

Option 1 ID : 75189741176

Option 2 ID : 75189741173

Option 3 ID : 75189741175

Option 4 ID : 75189741174

Status : Answered

Chosen Option : 3

Q.63 Newlands law of Octaves was applicable only up to element _____.

- Ans
- ☒ 1. Na
 - ☒ 2. K
 - ☒ 3. Mg
 - ☒ 4. Ca

Question ID : 75189714694

Option 1 ID : 75189758775

Option 2 ID : 75189758774

Option 3 ID : 75189758776

Option 4 ID : 75189758773

Status : Answered

Chosen Option : 4

Q.64

- Ans
- ☐ 1. red blood cells
 - ☒ 2. platelet cells
 - ☐ 3. blood plasma
 - ☐ 4. white blood cells

Question ID : 75189710203
Option 1 ID : 75189740809
Option 2 ID : 75189740812
Option 3 ID : 75189740810
Option 4 ID : 75189740811
Status : Answered
Chosen Option : 2

Q.65 In a certain code language, 'HOTEL' is coded as 'DQPGH' and 'BANKS' is coded as 'XCJMO'. How will 'LOGIC' be coded in that language?

- Ans
- ☐ 1. PMKGG
 - ☐ 2. PQKKG
 - ☒ 3. HQCKY
 - ☐ 4. HMCY

Question ID : 75189714236
Option 1 ID : 75189756941
Option 2 ID : 75189756943
Option 3 ID : 75189756942
Option 4 ID : 75189756944
Status : Answered
Chosen Option : 3

Q.66 In which year can the calendar of the year 2024 be used again?

- Ans
- ☐ 1. 2050
 - ☐ 2. 2051
 - ☐ 3. 2048
 - ☒ 4. 2052

Question ID : 75189713577
Option 1 ID : 75189754306
Option 2 ID : 75189754308
Option 3 ID : 75189754307
Option 4 ID : 75189754305
Status : Answered
Chosen Option : 4

Q.67

- Ans ☒ 1. $V_B > V_C > V_A$
☐ 2. $V_A > V_C > V_B$
☐ 3. $V_C > V_B > V_A$
☐ 4. $V_A > V_B > V_C$

Question ID : 75189711275

Option 1 ID : 75189745099

Option 2 ID : 75189745100

Option 3 ID : 75189745098

Option 4 ID : 75189745097

Status : Answered

Chosen Option : 1

Q.68 Which of the following solutions has the lowest pH value?

- Ans ☐ 1. Saliva (after a meal)
☐ 2. Saliva (before a meal)
☒ 3. Tomato juice
☐ 4. Coffee

Question ID : 75189710357

Option 1 ID : 75189741428

Option 2 ID : 75189741427

Option 3 ID : 75189741425

Option 4 ID : 75189741426

Status : Answered

Chosen Option : 3

Q.69 Where was Swami Mahavir born?

- Ans ☐ 1. Pavapuri
☐ 2. Pataliputra
☒ 3. Kundagram
☐ 4. Lumbini

Question ID : 75189712150

Option 1 ID : 75189748600

Option 2 ID : 75189748598

Option 3 ID : 75189748599

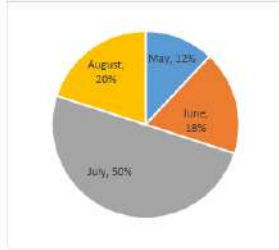
Option 4 ID : 75189748597

Status : Answered

Chosen Option : 3

Q.70 Study the given pie-chart and answer the question that follows.

The pie-chart depicts the percentage of passes issued in 4 months, out of the total number of passes issued (which is 50) in these 4 months together.



The number of passes issued to females in May and June was 3 and 5, respectively. What was the total number of passes issued to males in May and June together?

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

Question ID : 75189713675

Option 1 ID : 75189754699

Option 2 ID : 75189754697

Option 3 ID : 75189754698

Option 4 ID : 75189754700

Status : Answered

Chosen Option : 2

Q.71 Sieve plates are found in the _____.

- Ans**
- ☒ 1. phloem fiber cells
 - ☒ 2. phloem companion cells
 - ☒ 3. phloem parenchyma cells
 - ☒ 4. phloem tube cells

Question ID : 75189712251

Option 1 ID : 75189749002

Option 2 ID : 75189749004

Option 3 ID : 75189749001

Option 4 ID : 75189749003

Status : Answered

Chosen Option : 4

Q.72

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

Question ID : 75189714261
Option 1 ID : 75189757041
Option 2 ID : 75189757042
Option 3 ID : 75189757043
Option 4 ID : 75189757044
Status : Answered
Chosen Option : 4

Q.73 Match the columns.

Group-I	Group-II
I. Mouth	A. Chewing of food
II. Teeth	B. Rolling of food
III. Tongue	C. Intake of whole food
IV. Saliva	D. Swallowing of food

- Ans
- ☒ 1. I-A; II-D; III-A; IV-A
 - ☒ 2. I-B; II-C; III-D; IV-C
 - ☒ 3. I-A; II-B; III-C; IV-D
 - ☒ 4. I-C; II-A; III-B; IV-D

Question ID : 75189710188
Option 1 ID : 75189740752
Option 2 ID : 75189740751
Option 3 ID : 75189740749
Option 4 ID : 75189740750
Status : Answered
Chosen Option : 4

Q.74

- Ans  1. 14, 16
 2. 4, 26
 3. 12, 18
 4. -4, -26

Question ID : 75189712078

Option 1 ID : 75189748309

Option 2 ID : 75189748311

Option 3 ID : 75189748310

Option 4 ID : 75189748312

Status : Answered

Chosen Option : 2

Q.75 A certain number of people are sitting in a straight line facing north. T is sitting to the immediate left of S. Only two people are sitting to the left of P. Only two people are sitting between P and S. T is third to the left of the person sitting at the extreme right end. How many people are sitting in the row?

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

Question ID : 75189714185

Option 1 ID : 75189756738

Option 2 ID : 75189756739

Option 3 ID : 75189756740

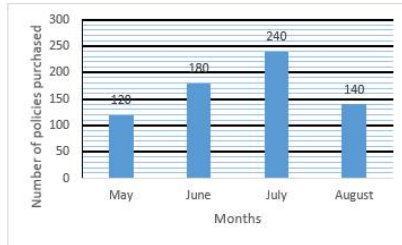
Option 4 ID : 75189756737

Status : Answered

Chosen Option : 3

Q.76 Study the given bar-graph and answer question that follows.

The bar-graph depicts the number of policies purchased in May, June, July and August.



The number of policies purchased in July increased by approximately what per cent as compared to June?

- Ans**
- ☒ 1. 40%
 - ☒ 2. 33%
 - ☒ 3. 75%
 - ☒ 4. 66%

Question ID : 75189713674

Option 1 ID : 75189754696

Option 2 ID : 75189754694

Option 3 ID : 75189754695

Option 4 ID : 75189754693

Status : Answered

Chosen Option : 2

Q.77 প্রদত্ত সংখ্যা-চিহ্নের শ্রেণিটি পড়ুন এবং পরবর্তী প্রশ্নের উত্তর দিন।

(বাম) 4 * 2 % 3 + = 3 2 % 5 9 & 4 \$ 7 5 & # * 8 5 @ 3 (ডান)

এমন কতগুলি চিহ্ন আছে, যাদের ঠিক আগে একটি সংখ্যা এবং ঠিক পরেও একটি সংখ্যা আছে?

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

Question ID : 75189714972

Option 1 ID : 75189759888

Option 2 ID : 75189759887

Option 3 ID : 75189759885

Option 4 ID : 75189759886

Status : Answered

Chosen Option : 4

Q.78

- Ans
- ☒ 1. ₹50,000
 - ☒ 2. ₹30,000
 - ☒ 3. ₹40,000
 - ☒ 4. ₹25,000

Question ID : 75189712344
Option 1 ID : 75189749376
Option 2 ID : 75189749374
Option 3 ID : 75189749375
Option 4 ID : 75189749373
Status : Not Answered
Chosen Option : --

Q.79 The colour of the clear sky is blue due to _____ of light by particles in the atmosphere of size _____ than the wavelength of visible light.

- Ans
- ☒ 1. refraction, larger
 - ☒ 2. scattering, smaller
 - ☒ 3. scattering, larger
 - ☒ 4. refraction, smaller

Question ID : 7518976662
Option 1 ID : 75189726645
Option 2 ID : 75189726648
Option 3 ID : 75189726646
Option 4 ID : 75189726647
Status : Answered
Chosen Option : 2

Q.80 In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:

Before leaving for college, Sita is learning to cook basic meals from her mother.

Conclusions:

I. Sita didn't know how to cook.

II. Sita wants to throw a party for her friends before leaving for college.

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

Question ID : 75189714934
Option 1 ID : 75189759733
Option 2 ID : 75189759735
Option 3 ID : 75189759736
Option 4 ID : 75189759734
Status : Answered
Chosen Option : 1

Q.81

- Ans
- ☒ 1. Debabrata Mandal
 - ☒ 2. Dr. Jeemon Panniyammakal
 - ☒ 3. Venkateswarlu M
 - ☒ 4. Dr. K Giribabu

Question ID : 75189714029
Option 1 ID : 75189756116
Option 2 ID : 75189756114
Option 3 ID : 75189756113
Option 4 ID : 75189756115
Status : Not Answered
Chosen Option : --

Q.82 The position of how many letters will remain unchanged if each of the letters in the word 'EQUIVOCAL' is arranged in alphabetical order?

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

Question ID : 75189713554
Option 1 ID : 75189754216
Option 2 ID : 75189754215
Option 3 ID : 75189754213
Option 4 ID : 75189754214
Status : Answered
Chosen Option : 4

Q.83 When lead nitrate is mixed with potassium iodine, the precipitate formed is _____.

- Ans
- ☒ 1. yellow colour potassium nitrate
 - ☒ 2. colourless lead iodide
 - ☒ 3. yellow colour lead iodide
 - ☒ 4. black colour potassium nitrate

Question ID : 75189714675
Option 1 ID : 75189758697
Option 2 ID : 75189758699
Option 3 ID : 75189758698
Option 4 ID : 75189758700
Status : Answered
Chosen Option : 3

Q.84

- Ans
-  1. $\frac{4142}{999}$
 -  2. $\frac{4136}{999}$
 -  3. $\frac{4140}{999}$
 -  4. $\frac{4138}{999}$

Question ID : 75189712914

Option 1 ID : 75189751656

Option 2 ID : 75189751653

Option 3 ID : 75189751655

Option 4 ID : 75189751654

Status : Answered

Chosen Option : 1

Q.85 In the Fleming's left hand rule index finger indicates the direction of the:

- Ans
-  1. magnetic field
 -  2. electric current
 -  3. magnetic force
 -  4. motion of conductor

Question ID : 75189712231

Option 1 ID : 75189748923

Option 2 ID : 75189748922

Option 3 ID : 75189748921

Option 4 ID : 75189748924

Status : Answered

Chosen Option : 1

Q.86 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

L 16, M 20, O 24, R 28, V 32, ?

- Ans
-  1. Z 34
 -  2. A 36
 -  3. A 34
 -  4. Z 36

Question ID : 75189714217

Option 1 ID : 75189756868

Option 2 ID : 75189756867

Option 3 ID : 75189756865

Option 4 ID : 75189756866

Status : Answered

Chosen Option : 2

Q.87

Ans ☒ 1. মিজোরাম

☐ 2. আসাম

☐ 3. অরুণাচল প্রদেশ

☐ 4. সিকিম

Question ID : 75189714007

Option 1 ID : 75189756028

Option 2 ID : 75189756026

Option 3 ID : 75189756025

Option 4 ID : 75189756027

Status : Answered

Chosen Option : 2

Q.88 The sum of three consecutive numbers is 177. The mean of these three numbers is:

Ans ☐ 1. 60

☒ 2. 59

☐ 3. 58

☐ 4. 57

Question ID : 75189711780

Option 1 ID : 75189747119

Option 2 ID : 75189747118

Option 3 ID : 75189747117

Option 4 ID : 75189747120

Status : Answered

Chosen Option : 2

Q.89 নিচের কোন কার্বন যৌগের একটি খাঁচা-সদৃশ বলয় গঠন রয়েছে যার আকার একটি ফুটবলের মতো?

Ans ☐ 1. গ্রাফিন

☐ 2. গ্রাফাইট

☒ 3. C-60 ফুলেরিন

☐ 4. হীরা

Question ID : 75189712765

Option 1 ID : 75189751060

Option 2 ID : 75189751058

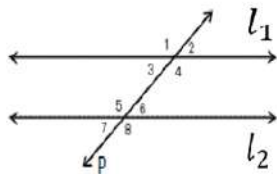
Option 3 ID : 75189751059

Option 4 ID : 75189751057

Status : Answered

Chosen Option : 3

- Q.90** In the given figure, $l_1 \parallel l_2$ and p is their transversal with angle $4 = 5x+35$ and angle $7 = 45^\circ$.
Find the value of x .



- Ans**
- ☒ 1. 40°
 - ☒ 2. 45°
 - ☒ 3. 20°
 - ☒ 4. 10°

Question ID : 75189712091

Option 1 ID : 75189748363

Option 2 ID : 75189748364

Option 3 ID : 75189748362

Option 4 ID : 75189748361

Status : Answered

Chosen Option : 3

- Q.91** India's services exports achieved above _____ billion for the first time during April-March 2021-22.

- Ans**
- ☒ 1. \$1,000
 - ☒ 2. \$500
 - ☒ 3. \$110
 - ☒ 4. \$250

Question ID : 75189712470

Option 1 ID : 75189749880

Option 2 ID : 75189749878

Option 3 ID : 75189749877

Option 4 ID : 75189749879

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.92

- Ans
- ☒ 1. Cardamom
 - ☒ 2. Nilgiri
 - ☒ 3. Anaimalai
 - ☒ 4. Sahyadri

Question ID : 75189712399

Option 1 ID : 75189749596

Option 2 ID : 75189749593

Option 3 ID : 75189749595

Option 4 ID : 75189749594

Status : Answered

Chosen Option : 4

Q.93 An imaginary line passing through principal focus, centre of curvature and pole of a Spherical Mirror is known as _____.

- Ans
- ☒ 1. radius of curvature
 - ☒ 2. focal plane
 - ☒ 3. focal length
 - ☒ 4. principal axis

Question ID : 7518979475

Option 1 ID : 75189737897

Option 2 ID : 75189737900

Option 3 ID : 75189737898

Option 4 ID : 75189737899

Status : Answered

Chosen Option : 4

Q.94 Sohan is facing north-west. He turns 90° clockwise, then 360° anticlockwise and then 90° clockwise. In which direction is Sohan facing now?

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

Question ID : 75189713109

Option 1 ID : 75189752436

Option 2 ID : 75189752433

Option 3 ID : 75189752434

Option 4 ID : 75189752435

Status : Answered

Chosen Option : 3

Q.95

- Ans ☒ 1. 13
☒ 2. 24
☒ 3. 18
☒ 4. 9

Question ID : 75189712710

Option 1 ID : 75189750837

Option 2 ID : 75189750840

Option 3 ID : 75189750839

Option 4 ID : 75189750838

Status : Answered

Chosen Option : 1

Q.96 If $0.72\overline{45} = \frac{a}{b}$, where the HCF of a and b is 1, then what is the value of (b – a)?

- Ans ☒ 1. 303
☒ 2. 313
☒ 3. 113
☒ 4. 606

Question ID : 75189712605

Option 1 ID : 75189750419

Option 2 ID : 75189750418

Option 3 ID : 75189750417

Option 4 ID : 75189750420

Status : Answered

Chosen Option : 1

Q.97 An electric pump can fill a tank in 5 hours. Due to a leakage in the tank, it takes $7\frac{1}{2}$ hours to fill the tank. How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

- Ans ☒ 1. 20 hours
☒ 2. 30 hours
☒ 3. 25 hours
☒ 4. 15 hours

Question ID : 75189712983

Option 1 ID : 75189751931

Option 2 ID : 75189751929

Option 3 ID : 75189751930

Option 4 ID : 75189751932

Status : Answered

Chosen Option : 4

Q.98

- Ans ☒ 1. 1911
☐ 2. 1919
☐ 3. 1917
☐ 4. 1905

Question ID : 75189712354

Option 1 ID : 75189749414

Option 2 ID : 75189749416

Option 3 ID : 75189749415

Option 4 ID : 75189749413

Status : Answered

Chosen Option : 1

Q.99 If α and β are the roots of the equation $2x^2 - 3x - 5 = 0$, then the quadratic equation whose roots are $\frac{\alpha}{\beta}$ and $\frac{\beta}{\alpha}$ is:

- Ans ☐ 1. $10x^2 - 29x - 10 = 0$
☐ 2. $10x^2 - 29x + 10 = 0$
☒ 3. $10x^2 + 29x + 10 = 0$
☐ 4. $10x^2 + 29x - 10 = 0$

Question ID : 75189712649

Option 1 ID : 75189750593

Option 2 ID : 75189750594

Option 3 ID : 75189750596

Option 4 ID : 75189750595

Status : Answered

Chosen Option : 3

Q.100 How many sessions of the Lok Sabha take place in a year?

- Ans ☐ 1. 5
☒ 2. 3
☐ 3. 2
☐ 4. 4

Question ID : 75189714072

Option 1 ID : 75189756288

Option 2 ID : 75189756286

Option 3 ID : 75189756285

Option 4 ID : 75189756287

Status : Answered

Chosen Option : 2