



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 1 Patliputra
Test Date	22/09/2022
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 The marked price of a jacket is ₹1,050. The shopkeeper earns a profit of 25% even after giving a discount of 10%. At what cost did the shopkeeper purchase it?

- Ans
- 1. ₹856
 - 2. ₹905
 - 3. ₹682
 - 4. ₹756

Question ID : 75189711755

Option 1 ID : 75189747019

Option 2 ID : 75189747018

Option 3 ID : 75189747020

Option 4 ID : 75189747017

Status : Answered

Chosen Option : 4

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All mirrors are cupboards.
2. Some beds are almirahs.
3. Some almirahs are mirrors.

Conclusions:

- I-Some beds are cupboards.
- II-Some cupboards are almirahs.

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

Question ID : 75189711240

Option 1 ID : 75189744959

Option 2 ID : 75189744957

Option 3 ID : 75189744958

Option 4 ID : 75189744960

Status : Answered

Chosen Option : 3

Q.3 In which of the following animals does blood go only once through the heart during one cycle of passage through the body?

- Ans**
- 1. Reptiles
 - 2. Birds
 - 3. Mammals
 - 4. Fishes

Question ID : 75189710206

Option 1 ID : 75189740824

Option 2 ID : 75189740821

Option 3 ID : 75189740823

Option 4 ID : 75189740822

Status : Marked For Review

Chosen Option : 1

Q.4 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.

13 : 179 :: 19 : 371 :: 26 : ?

- Ans
- 1. 734
 - 2. 726
 - 3. 530
 - 4. 686

Question ID : 75189711671
Option 1 ID : 75189746684
Option 2 ID : 75189746681
Option 3 ID : 75189746683
Option 4 ID : 75189746682
Status : Answered
Chosen Option : 4

Q.5 In which city of India will you find Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeetha?

- Ans
- 1. Mumbai
 - 2. Agra
 - 3. New Delhi
 - 4. Bengaluru

Question ID : 75189712367
Option 1 ID : 75189749467
Option 2 ID : 75189749465
Option 3 ID : 75189749468
Option 4 ID : 75189749466
Status : Marked For Review
Chosen Option : 3

Q.6 Suppose in a circuit, a silver wire of length L and cross-sectional area A is replaced by a chromium wire of length $L/3$ and cross-sectional area $3A$. The resistance of the circuit will _____.

(Given that $\rho_{\text{silver}} = 1.6 \times 10^{-8} \Omega \text{ m}$ and $\rho_{\text{chromium}} = 12.9 \times 10^{-8} \Omega \text{ m}$)

- Ans
- 1. decrease to 0.89 times of itself
 - 2. decrease to 0.78 times of itself
 - 3. increase to 1.3 times of itself
 - 4. increase to 1.05 times of itself

Question ID : 75189711329
Option 1 ID : 75189745316
Option 2 ID : 75189745315
Option 3 ID : 75189745313
Option 4 ID : 75189745314
Status : Answered
Chosen Option : 1

Q.7

As of January 2022, which enterprise became India's first Unicorn sports Enterprise?

Ans

- 1. Gujarat Giants
- 2. Patna Pirates
- 3. Chennai Super Kings
- 4. Dabang Delhi

Question ID : 7518973752

Option 1 ID : 75189715008

Option 2 ID : 75189715007

Option 3 ID : 75189715006

Option 4 ID : 75189715005

Status : Answered

Chosen Option : 3

Q.8 Which of the following rivers flows from east to west?

Ans

- 1. Narmada
- 2. Mahanadi
- 3. Krishna
- 4. Godavari

Question ID : 75189712156

Option 1 ID : 75189748621

Option 2 ID : 75189748623

Option 3 ID : 75189748624

Option 4 ID : 75189748622

Status : Answered

Chosen Option : 1

Q.9 खतरनाक अपशिष्ट के निपटान की सर्वोत्तम विधि क्या है?

- Ans
- 1. भराव क्षेत्र (Landfills)
 - 2. महासागरों सन्निक्षेपण (Ocean dumping)
 - 3. भस्मीकरण/जलाना (Incineration)
 - 4. कंपोस्ट बनाना (Composting)

Question ID : 7518974481

Option 1 ID : 75189717923

Option 2 ID : 75189717921

Option 3 ID : 75189717924

Option 4 ID : 75189717922

Status : Answered

Chosen Option : 1

Q.10 Which of the following statements regarding the trend of metallic properties in the modern periodic table is correct?

- Ans
- 1. Metallic character decreases across a period and increases down a group.
 - 2. Metallic character decreases across a period and remains constant down a group.
 - 3. Metallic character increases across a period and decreases down a group.
 - 4. Metallic character remains constant across a period and increases down a group.

Question ID : 75189711935

Option 1 ID : 75189747739

Option 2 ID : 75189747740

Option 3 ID : 75189747738

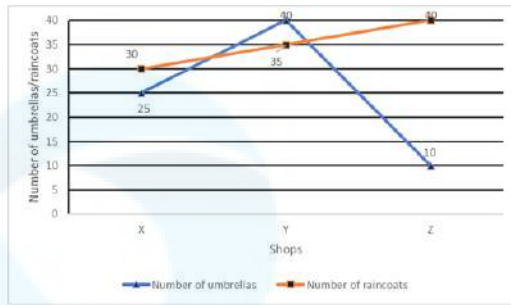
Option 4 ID : 75189747737

Status : Answered

Chosen Option : 1

Q.11 Study the given line graph and answer the following question.

The given line graph depicts the number of umbrellas and raincoats sold by shops X, Y and Z.



What is the respective ratio between the number of umbrellas sold by shop X and the total number of raincoats sold by shops Y and Z?

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

Question ID : 75189711676

Option 1 ID : 75189746703

Option 2 ID : 75189746702

Option 3 ID : 75189746704

Option 4 ID : 75189746701

Status : Answered

Chosen Option : 3

Q.12 Which of the following terms describes the movement of water molecules across a selectively permeable membrane?

- Ans**
- 1. Osmosis
 - 2. Diffusion
 - 3. Exocytosis
 - 4. Translocation

Question ID : 7518977789

Option 1 ID : 75189731156

Option 2 ID : 75189731153

Option 3 ID : 75189731155

Option 4 ID : 75189731154

Status : Marked For Review

Chosen Option : 1

Q.13 Which of the following numbers will replace the question mark (?) in the given series?

1, 1, 2, 4, 3, 27, 4, 256, 5, ?

Ans ✓ 1. 3125

✗ 2. 15625

✗ 3. 625

✗ 4. 125

Question ID : 75189711600

Option 1 ID : 75189746399

Option 2 ID : 75189746400

Option 3 ID : 75189746398

Option 4 ID : 75189746397

Status : Answered

Chosen Option : 1

Q.14 Study the given table and answer the question that follows.

The table shows the total income in ₹ and expenditure of five different families under different heads as a percentage of the total income.

Family	Total Income (in ₹)	Daily Usage	Health Care	Medical	Other Expenses
A	50,000	15%	18%	10%	7%
B	65,000	20%	14%	8%	8%
C	33,000	18%	20%	8%	14%
D	55,000	25%	10%	11%	4%
E	90,000	30%	20%	12%	8%

Find the total amount of saving (in ₹) of all the families combined.

Savings = Total Income – Sum of all expenditures

Ans ✗ 1. 1,76,200

✓ 2. 1,25,200

✗ 3. 1,19,700

✗ 4. 1,00,300

Question ID : 75189711083

Option 1 ID : 75189744332

Option 2 ID : 75189744330

Option 3 ID : 75189744331

Option 4 ID : 75189744329

Status : Answered

Chosen Option : 2

Q.15 If the length of a diagonal of a square is 18 cm, then its perimeter (in cm) is _____.

- Ans
- ✓ 1. $36\sqrt{2}$
 - ✗ 2. 36
 - ✗ 3. $24\sqrt{2}$
 - ✗ 4. 24

Question ID : 75189711983
Option 1 ID : 75189747931
Option 2 ID : 75189747930
Option 3 ID : 75189747929
Option 4 ID : 75189747932
Status : Answered
Chosen Option : 1

Q.16 A 2KW AC is to be used on a 250 V a.c. mains for which a 3-pin top plug fitted to a cable is required. Which of the following option is NOT correct:

- Ans
- ✗ 1. The green wire is for earth pin connection
 - ✗ 2. A fuse should be connected in the live wire
 - ✗ 3. The neutral wire is coloured Black
 - ✓ 4. The appropriate value of fuse to be used is 12 A

Question ID : 75189712235
Option 1 ID : 75189748939
Option 2 ID : 75189748938
Option 3 ID : 75189748937
Option 4 ID : 75189748940
Status : Answered
Chosen Option : 3

Q.17 ABCD is a quadrilateral and E, F, G, and H are the mid-points of \overline{AB} , \overline{BC} , \overline{CD} , and \overline{DA} respectively. The quadrilateral EFGH is necessarily a:

- Ans
- ✓ 1. parallelogram
 - ✗ 2. square
 - ✗ 3. rhombus, but not a square
 - ✗ 4. rectangle, but not a square

Question ID : 75189711827
Option 1 ID : 75189747308
Option 2 ID : 75189747306
Option 3 ID : 75189747307
Option 4 ID : 75189747305
Status : Answered
Chosen Option : 4

Q.18 The 56th National Cross Country Championships 2022 was organised at which place?

- Ans
- 1. Chandigarh
 - 2. Kohima
 - 3. Panaji
 - 4. Ranchi

Question ID : 75189712336

Option 1 ID : 75189749343

Option 2 ID : 75189749341

Option 3 ID : 75189749342

Option 4 ID : 75189749344

Status : Answered

Chosen Option : 2

Q.19 एक तार को मोड़कर एक वर्ग बनाया गया है, जिसका क्षेत्रफल 1089 cm^2 है। उसी तार को खोलकर पुनः मोड़कर एक आयत बनाया जाता है, जिसकी लंबाई 40 cm है। इस आयत की चौड़ाई ज्ञात कीजिए।

- Ans
- 1. 22 cm
 - 2. 11 cm
 - 3. 26 cm
 - 4. 6 cm

Question ID : 75189712004

Option 1 ID : 75189748013

Option 2 ID : 75189748015

Option 3 ID : 75189748016

Option 4 ID : 75189748014

Status : Answered

Chosen Option : 3

Q.20 Mohit starts from a point X and travels 2 km towards the north and takes a right turn and further travels 1 km. He then turns to the right and travels a distance of 3 km. He then takes a right turn and travels a distance of 1 km, and finally turns to the right again and travels a distance of 1 km. What is the present location of Mohit in respect of his point of initiation of travel, X? (All turns are 90 degree turns only)

- Ans
- 1. Point X itself
 - 2. 1 km east
 - 3. 1 km north
 - 4. 1 km south

Question ID : 75189711576

Option 1 ID : 75189746303

Option 2 ID : 75189746304

Option 3 ID : 75189746302

Option 4 ID : 75189746301

Status : Answered

Chosen Option : 1

Q.21 In macroeconomic analysis, a consumption function describes the relation between total consumption and _____.

- Ans
- 1. quality of the consumption good
 - 2. price of the consumption good
 - 3. gross national income
 - 4. behaviour of the consumer

Question ID : 75189712381
Option 1 ID : 75189749523
Option 2 ID : 75189749521
Option 3 ID : 75189749522
Option 4 ID : 75189749524
Status : Answered
Chosen Option : 2

Q.22 The diagonal of a rectangle is 26 cm. Its perimeter is 68 cm. Find its area.

- Ans
- 1. 240 cm²
 - 2. 550 cm²
 - 3. 120 cm²
 - 4. 330 cm²

Question ID : 75189711744
Option 1 ID : 75189746975
Option 2 ID : 75189746974
Option 3 ID : 75189746973
Option 4 ID : 75189746976
Status : Answered
Chosen Option : 1

Q.23 What approximate value should come in place of the question mark (?) in the following equation?

$$15.09 - 8.99 + 26.02 \times 6.99 = ?$$

- Ans
- 1. 190
 - 2. 188
 - 3. 187
 - 4. 186

Question ID : 75189710939
Option 1 ID : 75189743756
Option 2 ID : 75189743755
Option 3 ID : 75189743754
Option 4 ID : 75189743753
Status : Answered
Chosen Option : 2

Q.24 The cost of one kg sugar in 2020 was ₹46. If the cost of sugar increased by 2.5% in one year, how much would 5 kg sugar cost in 2021?

- Ans**
- 1. ₹48.50
 - 2. ₹253.50
 - 3. ₹47.15
 - 4. ₹235.75

Question ID : 75189712020
Option 1 ID : 75189748080
Option 2 ID : 75189748077
Option 3 ID : 75189748079
Option 4 ID : 75189748078
Status : Answered
Chosen Option : 4

Q.25 If 128 is divided into two parts such that one part is three times the other, then the larger part is _____.

- Ans**
- 1. 84
 - 2. 96
 - 3. 104
 - 4. 92

Question ID : 75189711966
Option 1 ID : 75189747862
Option 2 ID : 75189747864
Option 3 ID : 75189747863
Option 4 ID : 75189747861
Status : Answered
Chosen Option : 2

Q.26 Study the given letter, number, symbol series and answer the question that follows.

(Left) A 9 % B @ 6 & L # K 9 @ 7 # 6 K M * 7 & B (Right)

How many such letters are there that are immediately preceded by a symbol and also immediately followed by a number?

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

Question ID : 75189711029
Option 1 ID : 75189744114
Option 2 ID : 75189744113
Option 3 ID : 75189744116
Option 4 ID : 75189744115
Status : Answered
Chosen Option : 2

Q.27 Each vowel in the word PRISON is changed to the letter preceding it in the English alphabetical order and each consonant is changed to the letter following it in the English alphabetical order. Which of the following letters will be fourth from the right in the group of letters thus formed?

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

Question ID : 75189711684
Option 1 ID : 75189746733
Option 2 ID : 75189746735
Option 3 ID : 75189746736
Option 4 ID : 75189746734
Status : Answered
Chosen Option : 4

Q.28 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.

(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)
2 : 7 :: 8 : 13 :: 16 : ?

- Ans**
- 1. 21
 - 2. 20
 - 3. 22
 - 4. 19

Question ID : 75189711615
Option 1 ID : 75189746459
Option 2 ID : 75189746458
Option 3 ID : 75189746460
Option 4 ID : 75189746457
Status : Answered
Chosen Option : 1

Q.29 If in each of the following words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have NO vowel?

- 1) TOGETHER
- 2) BOXES
- 3) SPORTS
- 4) DRINK

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

Question ID : 75189711554
Option 1 ID : 75189746213
Option 2 ID : 75189746215
Option 3 ID : 75189746214
Option 4 ID : 75189746216
Status : Answered
Chosen Option : 1

Q.30 Which of the following types of cells are NOT a part of vascular tissue in plants?

- Ans
- 1. Vessels
 - 2. Collenchyma
 - 3. Tracheids
 - 4. Parenchyma

Question ID : 75189710069

Option 1 ID : 75189740274

Option 2 ID : 75189740275

Option 3 ID : 75189740273

Option 4 ID : 75189740276

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

Chosen Option : --

Q.31 When was independent India's first Union Budget presented in the Parliament?

- Ans
- 1. 1 October 1947
 - 2. 2 January 1948
 - 3. 28 February 1948
 - 4. 26 November 1947

Question ID : 75189712391

Option 1 ID : 75189749561

Option 2 ID : 75189749563

Option 3 ID : 75189749564

Option 4 ID : 75189749562

Status : **Answered**

Chosen Option : 4

Q.32 The value of $\tan^6 A + 3 \tan^2 A \sec^2 A + 1$ is:

- Ans
- 1. $\sec^6 A$
 - 2. $\sec^4 A + \tan^4 A$
 - 3. $\sec^5 A$
 - 4. $\sec^4 A$

Question ID : 75189711830

Option 1 ID : 75189747319

Option 2 ID : 75189747320

Option 3 ID : 75189747318

Option 4 ID : 75189747317

Status : **Answered**

Chosen Option : 1

Q.33 In June 2022, Polyversity, India's largest educational Metaverse with over 100 academic partners was launched by the Union Minister Sri Dharmendra Pradhan in which city?

- Ans**
- 1. Chennai
 - 2. New Delhi
 - 3. Bhubaneswar
 - 4. Varanasi

Question ID : 7518976788
Option 1 ID : 75189727149
Option 2 ID : 75189727152
Option 3 ID : 75189727151
Option 4 ID : 75189727150
Status : Answered
Chosen Option : 2

Q.34 Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

MOTHER : OMHTRE :: DAUGHTER : ADGUTHRE :: SIBLINGS : ?

- Ans**
- 1. BISNILSG
 - 2. ISLBNISG
 - 3. SGNILBIS
 - 4. LBISSGNI

Question ID : 7518979769
Option 1 ID : 75189739074
Option 2 ID : 75189739076
Option 3 ID : 75189739073
Option 4 ID : 75189739075
Status : Answered
Chosen Option : 2

Q.35 In a certain code language, 'DTHKM' is written as 'EVKOR' and 'WHITE' is written as 'XJLXJ'. How will 'GREEN' be written in that language?

- Ans**
- 1. HTIHS
 - 2. HTHIS
 - 3. HTHHT
 - 4. HTHHS

Question ID : 75189710868
Option 1 ID : 75189743471
Option 2 ID : 75189743470
Option 3 ID : 75189743472
Option 4 ID : 75189743469
Status : Answered
Chosen Option : 2

Q.36 If $a + b + c = 0$, then the roots of the equation $ax^2 + bx + c = 0$ are:

Ans 1. $1, \frac{c}{a}$

2. $2, \frac{c}{a}$

3. $-1, \frac{-c}{a}$

4. $-2, \frac{c}{a}$

Question ID : 75189711798

Option 1 ID : 75189747192

Option 2 ID : 75189747190

Option 3 ID : 75189747191

Option 4 ID : 75189747189

Status : Answered

Chosen Option : 1

Q.37 एक कथन और उसके बाद दो निष्कर्ष I और II दिए गए हैं। कथन में दी गई जानकारी को सत्य मानते हुए विचार करें, भले ही वह सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होती हो, और बताएं कि दिए गए निष्कर्षों में से कौन से, निसंदेह कथन का तार्किक रूप से पालन करते हैं?

कथन:

सागर ने अपने घर की बिजली की बलियां बुझाने हेतु गीले हाथों का उपयोग किया, जिसकी वजह से उसे झटका लगा।

निष्कर्ष:

I. घर में मौजूद बिजली के सभी तार बदलने की आवश्यकता है।

II. कभी भी बिजली के किसी भी उपकरण को गीले हाथों से स्पर्श न करें।

Ans 1. केवल निष्कर्ष I पालन करता है

2. निष्कर्ष I और II दोनों पालन करते हैं

3. केवल निष्कर्ष II पालन करता है

4. न तो निष्कर्ष I और न ही II पालन करता है

Question ID : 75189711705

Option 1 ID : 75189746817

Option 2 ID : 75189746820

Option 3 ID : 75189746818

Option 4 ID : 75189746819

Status : Answered

Chosen Option : 3

Q.38 Six national mathematics lectures are planned on the eve of Mathematics Day in six cities - Madurai, Dwaraka, Kakinada, Chandigarh, Lucknow and Bilaspur - on different months between July to December in the same year (but not necessarily in the same order). Only the Dwaraka lecture is planned between the Chandigarh and Bilaspur lectures. The Chandigarh lecture is in October. Only two lectures are planned before the Kakinada lecture. The Madurai lecture is immediately after the Lucknow lecture.

Which city has the last lecture in the year?

- Ans**
- 1. Kakinada
 - 2. Chandigarh
 - 3. Bilaspur
 - 4. Madurai

Question ID : 75189711455

Option 1 ID : 75189745819

Option 2 ID : 75189745818

Option 3 ID : 75189745817

Option 4 ID : 75189745820

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

Chosen Option : --

Q.39 In the following question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

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

Conclusions: I. $T = V$

II. $R > U$

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

Question ID : 7518977627

Option 1 ID : 75189730507

Option 2 ID : 75189730505

Option 3 ID : 75189730508

Option 4 ID : 75189730506

Status : **Answered**

Chosen Option : 3

Q.40 निम्न में से किस रोग में शरीर उन अनेक छोटे-मोटे संक्रमणों से भी नहीं लड़ पाता है, जिनका हम प्रतिदिन सामना करते हैं?

- Ans
- 1. निमोनिया (Pneumonia)
 - 2. एचआईवी-एड्स (HIV-AIDS)
 - 3. टाइफाइड (Typhoid)
 - 4. सुजाक (Gonorrhoea)

Question ID : 75189710229

Option 1 ID : 75189740914

Option 2 ID : 75189740915

Option 3 ID : 75189740913

Option 4 ID : 75189740916

Status : Marked For Review

Chosen Option : 2

Q.41 Bleaching powder is represented as:

- Ans
- 1. CaCl_2
 - 2. CaOCl_2
 - 3. CaCO_3
 - 4. Ca(OH)_2

Question ID : 7518979650

Option 1 ID : 75189738599

Option 2 ID : 75189738600

Option 3 ID : 75189738597

Option 4 ID : 75189738598

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.42 When a ray is incident parallel to the principal axis of a convex lens then the refracted ray will pass through:

- Ans
- 1. principal axis
 - 2. centre of curvature
 - 3. optical centre
 - 4. principal focus

Question ID : 7518979511

Option 1 ID : 75189738042

Option 2 ID : 75189738043

Option 3 ID : 75189738041

Option 4 ID : 75189738044

Status : Answered

Chosen Option : 4

Q.43 What is the molecular formula of second member of alkene series?

- Ans
- 1. C_3H_6
 - 2. C_6H_{12}
 - 3. C_4H_8
 - 4. C_2H_4

Question ID : 75189710323
Option 1 ID : 75189741290
Option 2 ID : 75189741292
Option 3 ID : 75189741291
Option 4 ID : 75189741289
Status : Answered
Chosen Option : 4

Q.44 The ratio of marks obtained by A and B is 3 : 4 and of those obtained by B and C is 2 : 3. What is ratio of marks obtained by A and C?

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

Question ID : 75189711736
Option 1 ID : 75189746942
Option 2 ID : 75189746943
Option 3 ID : 75189746941
Option 4 ID : 75189746944
Status : Answered
Chosen Option : 3

Q.45 A light ray travels from air into an optical fibre with an index of refraction of 1.45. If the angle of incidence on the end of the fibre is 22° , the angle of refraction inside the fibre is:

- Ans
- 1. 20.99°
 - 2. 22.69°
 - 3. 14.99°
 - 4. 25.69°

Question ID : 75189711277
Option 1 ID : 75189745105
Option 2 ID : 75189745108
Option 3 ID : 75189745106
Option 4 ID : 75189745107
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.46 One-third of a certain journey is covered at a speed of 25 km/h, one-fourth of the journey is covered at a speed of 30 km/h and the rest of the journey is covered at 50 km/h. The average speed (in km/h) of the whole journey is:

Ans

1. $32\frac{1}{2}$

2. 33

3. $33\frac{1}{3}$

4. 32

Question ID : 75189711765

Option 1 ID : 75189747059

Option 2 ID : 75189747058

Option 3 ID : 75189747057

Option 4 ID : 75189747060

Status : Answered

Chosen Option : 3

Q.47 Study the given letter, number, symbol series and answer the question that follows.

(Left) T 2 L % 4 M 2 # B N @ 8 K # B 6 L * 3 P (Right)

How many such numbers are there that are immediately preceded by a symbol and also immediately followed by a letter?

Ans 1. 3

2. 4

3. 2

4. 1

Question ID : 75189711031

Option 1 ID : 75189744124

Option 2 ID : 75189744121

Option 3 ID : 75189744122

Option 4 ID : 75189744123

Status : Answered

Chosen Option : 1

Q.48 Which of the following festivals is NOT celebrated in January every year?

Ans 1. Lohri

2. Onam

3. Bhogali Bihu

4. Pongal

Question ID : 75189712127

Option 1 ID : 75189748505

Option 2 ID : 75189748508

Option 3 ID : 75189748507

Option 4 ID : 75189748506

Status : Marked For Review

Chosen Option : 4

Q.49 Amongst six people, D, E, F, G, H, and I, each has a different age. They are standing in a line according to their age in an increasing order. F is older than E but younger than D. D is younger than I. E is older than G. G is older than H. Who comes in 4th position in increasing order of age ?

- Ans**
- 1. F
 - 2. H
 - 3. I
 - 4. E

Question ID : 75189711014
Option 1 ID : 75189744055
Option 2 ID : 75189744056
Option 3 ID : 75189744053
Option 4 ID : 75189744054
Status : Answered
Chosen Option : 1

Q.50 Simplify

$$\left(\frac{1}{512}\right)^{\frac{-2}{3}} \div \left(\frac{1}{64}\right)^{\frac{-4}{3}} = ?$$

- Ans**
- 1. $\frac{2}{3}$
 - 2. $\frac{3}{4}$
 - 3. $\frac{1}{4}$
 - 4. $\frac{1}{6}$

Question ID : 75189711710
Option 1 ID : 75189746839
Option 2 ID : 75189746837
Option 3 ID : 75189746838
Option 4 ID : 75189746840
Status : Answered
Chosen Option : 3

Q.51 In February 2022, which state/UT's police launched two women's squads for ensuring the safety and security of women in its capital city?

- Ans**
- ✓ 1. Jammu and Kashmir
 - ✗ 2. Maharashtra
 - ✗ 3. Uttar Pradesh
 - ✗ 4. West Bengal

Question ID : 75189712352
Option 1 ID : 75189749406
Option 2 ID : 75189749407
Option 3 ID : 75189749408
Option 4 ID : 75189749405
Status : Answered
Chosen Option : 1

Q.52 Which of the following Constitution Amendment Act of India is related to the urban local bodies?

- Ans**
- ✓ 1. 74th
 - ✗ 2. 73rd
 - ✗ 3. 75th
 - ✗ 4. 72nd

Question ID : 75189712429
Option 1 ID : 75189749715
Option 2 ID : 75189749714
Option 3 ID : 75189749716
Option 4 ID : 75189749713
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.53 Express $5.\bar{7}$ in $\frac{p}{q}$ form, where p and q are integers and $q \neq 0$.

- Ans**
- ✗ 1. $\frac{52}{7}$
 - ✓ 2. $\frac{52}{9}$
 - ✗ 3. $\frac{57}{10}$
 - ✗ 4. $\frac{57}{7}$

Question ID : 75189712008
Option 1 ID : 75189748030
Option 2 ID : 75189748032
Option 3 ID : 75189748029
Option 4 ID : 75189748031
Status : Answered
Chosen Option : 2

Q.54 For the equation $(x + 4)(x - 4) = 0$, the value of the discriminant is equal to _____.

- Ans
- 1. -4
 - 2. 0
 - 3. 64
 - 4. 16

Question ID : 75189711975
Option 1 ID : 75189747898
Option 2 ID : 75189747897
Option 3 ID : 75189747900
Option 4 ID : 75189747899
Status : **Marked For Review**
Chosen Option : 1

Q.55 Which of the following measures is considered the most commonly used measure of money supply?

- Ans
- 1. M2
 - 2. M4
 - 3. M3
 - 4. M1

Question ID : 7518977232
Option 1 ID : 75189728926
Option 2 ID : 75189728928
Option 3 ID : 75189728927
Option 4 ID : 75189728925
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.56 Find the mean length of a leaf, given the lengths of 10 leaves (in mm) are as follows:

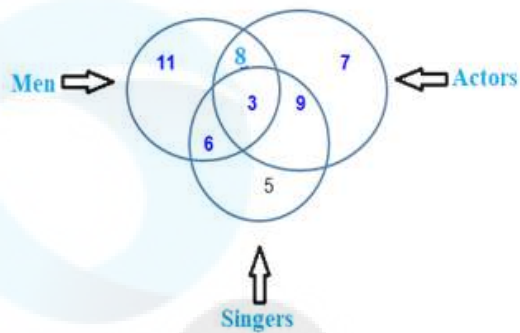
146, 150, 147, 143, 158, 139, 154, 149, 151, 155

- Ans
- 1. 148.2 mm
 - 2. 151.9 mm
 - 3. 139.6 mm
 - 4. 149.2 mm

Question ID : 75189712054
Option 1 ID : 75189748216
Option 2 ID : 75189748214
Option 3 ID : 75189748215
Option 4 ID : 75189748213
Status : **Answered**
Chosen Option : 4

Q.57 Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people.



How many Men are Actors but NOT Singers?

- Ans
- ✓ 1. 8
 - ✗ 2. 3
 - ✗ 3. 26
 - ✗ 4. 11

Question ID : 75189711006

Option 1 ID : 75189744021

Option 2 ID : 75189744023

Option 3 ID : 75189744024

Option 4 ID : 75189744022

Status : Answered

Chosen Option : 1

Q.58 $(x + y + 2z)(x + y)$ can be expressed as:

- Ans
- ✗ 1. $(x + y + z)^2 - y^2$
 - ✗ 2. $(x + y + z)^2 - x^2$
 - ✓ 3. $(x + y + z)^2 - z^2$
 - ✗ 4. $(x - y + z)^2 - z^2$

Question ID : 75189711776

Option 1 ID : 75189747103

Option 2 ID : 75189747104

Option 3 ID : 75189747101

Option 4 ID : 75189747102

Status : Answered

Chosen Option : 3

Q.59 Seven students, A, B, C, D, E, F, and G, have exams on different days of a week starting from Monday and ending on Sunday of the same week. The exam of C is on Sunday and that of F is on Monday. The exam of G is on Tuesday. The exam of B is on the immediate next day of the exam of G. The exam of E is immediately after A. The exam of A is on Thursday. On which of the days will D have his exam?

- Ans
- 1. Thursday
 - 2. Saturday
 - 3. Friday
 - 4. Tuesday

Question ID : 75189710980
Option 1 ID : 75189743920
Option 2 ID : 75189743919
Option 3 ID : 75189743918
Option 4 ID : 75189743917
Status : Answered
Chosen Option : 2

Q.60 Ram walks 40 m towards east and then turns left and walks 56 m. From that point, he starts walking towards the west and walks 20 m. After taking a left turn, he walks 50 m and then takes a right turn and walks 20 m. How far and in which direction is Ram's current position from his starting point? (All turns are 90 degree turns only.)

- Ans
- 1. 50 m, West
 - 2. 56 m, North
 - 3. 6 m, North
 - 4. 4 m, South

Question ID : 75189711060
Option 1 ID : 75189744237
Option 2 ID : 75189744238
Option 3 ID : 75189744240
Option 4 ID : 75189744239
Status : Answered
Chosen Option : 3

Q.61 Chandoli National Park is located in which state?

- Ans
- 1. Maharashtra
 - 2. Uttar Pradesh
 - 3. Himachal Pradesh
 - 4. Kerala

Question ID : 75189710585
Option 1 ID : 75189742338
Option 2 ID : 75189742337
Option 3 ID : 75189742339
Option 4 ID : 75189742340
Status : Marked For Review
Chosen Option : 3

Q.62 In which year was the partition of Bengal announced by Lord Curzon, the then Viceroy of India?

- Ans
- 1. 1907
 - 2. 1911
 - 3. 1905
 - 4. 1909

Question ID : 7518979372

Option 1 ID : 75189737486

Option 2 ID : 75189737488

Option 3 ID : 75189737485

Option 4 ID : 75189737487

Status : Answered

Chosen Option : 3

Q.63 Why do fats in diet form large globules in the small intestine?

- Ans
- 1. Because fats get trapped in fibrous carbohydrates during food churning in the stomach
 - 2. Because proteins and fats clump together to produce colloidal matter
 - 3. Because fats do not mix well with watery slurry produced in the stomach
 - 4. Because lipase enzymes in the stomach do not digest fats completely

Question ID : 75189712266

Option 1 ID : 75189749064

Option 2 ID : 75189749063

Option 3 ID : 75189749061

Option 4 ID : 75189749062

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.64 A point on the principal axis which is equidistant from the curved surface of a spherical mirror is:

- Ans
- 1. centre of curvature
 - 2. principal focus
 - 3. infinity
 - 4. pole

Question ID : 7518979468

Option 1 ID : 75189737870

Option 2 ID : 75189737869

Option 3 ID : 75189737872

Option 4 ID : 75189737871

Status : Answered

Chosen Option : 1

Q.65 In a certain code language, 'BULK' is written as 'CWOO' and 'PINK' is written as 'QKQO'. How will 'BLUE' be written in that language?

- Ans
- 1. CNXJ
 - 2. CMXI
 - 3. CNWI
 - 4. CNXI

Question ID : 7518977996
Option 1 ID : 75189731983
Option 2 ID : 75189731981
Option 3 ID : 75189731982
Option 4 ID : 75189731984
Status : Answered
Chosen Option : 4

Q.66 Which of the following numbers will replace the question mark (?) in the given series?
10, 21, 38, 62, 94, ?

- Ans
- 1. 135
 - 2. 155
 - 3. 104
 - 4. 72

Question ID : 75189710918
Option 1 ID : 75189743672
Option 2 ID : 75189743671
Option 3 ID : 75189743670
Option 4 ID : 75189743669
Status : Answered
Chosen Option : 1

Q.67 Which of the following colloids has solid dispersed phase in a liquid dispersing medium?

- Ans
- 1. Sol
 - 2. Gel
 - 3. Emulsion
 - 4. Foam

Question ID : 75189710313
Option 1 ID : 75189741251
Option 2 ID : 75189741250
Option 3 ID : 75189741249
Option 4 ID : 75189741252
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.68 A rainbow is formed by water droplets suspended in the atmosphere after the rain shower. The phenomenon responsible for occurring of rainbow consists of:

Ans 1.

A combination of refraction, dispersion and total internal reflection

2. Reflection only

3. Refraction only

4. A combination of refraction, scattering and dispersion

Question ID : 75189712230

Option 1 ID : 75189748919

Option 2 ID : 75189748917

Option 3 ID : 75189748918

Option 4 ID : 75189748920

Status : Answered

Chosen Option : 4

Q.69 एचआईवी (HIV) से संक्रमित होने से बचना क्यों महत्वपूर्ण है?

Ans 1. क्योंकि इसके कारण आंशिक पक्षाघात होता है

2.

क्योंकि इसकी वजह से पूरे परिवार का सामाजिक बहिष्कार होता है

3. क्योंकि यह माता-पिता से बच्चों में फैलता है

4. क्योंकि एचआईवी (HIV) का कोई उपचार नहीं है

Question ID : 75189712285

Option 1 ID : 75189749138

Option 2 ID : 75189749140

Option 3 ID : 75189749139

Option 4 ID : 75189749137

Status : Marked For Review

Chosen Option : 4

Q.70 68 is divided into three parts. When the first part is increased by 2, the second part is diminished by 2 and the third part is divided by 2, the resultant numbers all become equal. Find the value of the third part.

Ans 1. 34

2. 68

3. 19

4. 15

Question ID : 75189711782

Option 1 ID : 75189747128

Option 2 ID : 75189747125

Option 3 ID : 75189747126

Option 4 ID : 75189747127

Status : Answered

Chosen Option : 1

Q.71 According to Henry Moseley, which of the following properties of an element is a more fundamental property than its atomic mass?

- Ans**
- 1. Atomic density
 - 2. Atomic size
 - 3. Atomic number
 - 4. Atomic radii

Question ID : 75189710390

Option 1 ID : 75189741559

Option 2 ID : 75189741557

Option 3 ID : 75189741558

Option 4 ID : 75189741560

Status : **Marked For Review**

Chosen Option : 3

Q.72 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also 'x' and '+' are interchanged?

$$60 - 72 \times 6 + 15 + 3 = ?$$

- Ans**
- 1. 27
 - 2. 32
 - 3. 64
 - 4. 25

Question ID : 75189710958

Option 1 ID : 75189743830

Option 2 ID : 75189743831

Option 3 ID : 75189743832

Option 4 ID : 75189743829

Status : **Answered**

Chosen Option : 1

Q.73 $2\text{NaOH}(\text{aq}) + \text{H}_2\text{SO}_4(\text{aq}) \rightarrow \text{Na}_2\text{SO}_4(\text{aq}) + 2\text{H}_2\text{O}(\text{l})$

The given reaction is an example of:

- Ans**
- 1. decomposition reaction
 - 2. precipitation reaction
 - 3. redox reaction
 - 4. neutralisation reaction

Question ID : 75189711882

Option 1 ID : 75189747525

Option 2 ID : 75189747526

Option 3 ID : 75189747527

Option 4 ID : 75189747528

Status : **Marked For Review**

Chosen Option : 2

Q.74 In the second and latest edition of the India Innovation Index 2020 which state occupies a top position under the 'Major States' category?

- Ans** ✓ 1. Karnataka
✗ 2. Maharashtra
✗ 3. Telangana
✗ 4. Tamil Nadu

Question ID : 75189712347
Option 1 ID : 75189749386
Option 2 ID : 75189749385
Option 3 ID : 75189749388
Option 4 ID : 75189749387
Status : **Marked For Review**
Chosen Option : 1

Q.75 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$15.99 - 4.02 + 19.89 \times 5.19 = ?$$

- Ans** ✓ 1. 112
✗ 2. 222
✗ 3. 50
✗ 4. 75

Question ID : 7518979875
Option 1 ID : 75189739497
Option 2 ID : 75189739499
Option 3 ID : 75189739500
Option 4 ID : 75189739498
Status : **Answered**
Chosen Option : 1

Q.76 According to the Government Budget 2022, a taxpayer can now file updated income tax return within _____ for correcting errors.

- Ans** ✗ 1. 3 years
✗ 2. 5 years
✓ 3. 2 years
✗ 4. 1 year

Question ID : 75189710459
Option 1 ID : 75189741835
Option 2 ID : 75189741836
Option 3 ID : 75189741834
Option 4 ID : 75189741833
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.77 Burning of magnesium in the presence of air produces magnesium oxide. Select the type of reaction involved.

- Ans**
- 1. Oxidation reaction
 - 2. Reduction reaction
 - 3. Double displacement reaction
 - 4. Displacement reaction

Question ID : 75189711887

Option 1 ID : 75189747546

Option 2 ID : 75189747545

Option 3 ID : 75189747548

Option 4 ID : 75189747547

Status : **Marked For Review**

Chosen Option : 1

Q.78 Who among the following was one of the recipients of Shanti Swarup Bhatnagar Prize for science and technology 2021?

- Ans**
- 1. Dr. Prakash Varma
 - 2. Dr. Ashok Gupta
 - 3. Dr. Amit Singh
 - 4. Dr. Sanjay Mathur

Question ID : 75189710514

Option 1 ID : 75189742056

Option 2 ID : 75189742054

Option 3 ID : 75189742053

Option 4 ID : 75189742055

Status : **Marked For Review**

Chosen Option : 4

Q.79 Which of the following rivers merges in the Arabian Sea?

- Ans**
- 1. Teesta
 - 2. Krishna
 - 3. Narmada
 - 4. Kaveri

Question ID : 7518978915

Option 1 ID : 75189735659

Option 2 ID : 75189735657

Option 3 ID : 75189735658

Option 4 ID : 75189735660

Status : **Answered**

Chosen Option : 3

Q.80 प्राकृतिक संसाधनों के सतत उपयोग (sustainable use) की दिशा में बढ़ने के लिए सरकार निम्न में से कौन सा कदम उठा सकती है?

- Ans
- ✓ 1. मेट्रो और बस सेवाओं का निर्माण
 - ✗ 2. हवाई जहाजों से यात्रा पर प्रतिबंध
 - ✗ 3. पर्यावरण विज्ञान के अध्ययन को अनिवार्य करना
 - ✗ 4. त्योहारों पर पटाखों पर प्रतिबंध

Question ID : 75189712331

Option 1 ID : 75189749323

Option 2 ID : 75189749321

Option 3 ID : 75189749324

Option 4 ID : 75189749322

Status : Answered

Chosen Option : 3

Q.81 The resistivity of the material of wire having resistance 0.7Ω , length 1 m and diameter 0.2 mm is:

- Ans
- ✓ 1. $2.2 \times 10^{-8} \Omega\text{m}$
 - ✗ 2. $22 \times 10^{-8} \Omega\text{m}$
 - ✗ 3. $0.22 \times 10^{-8} \Omega\text{m}$
 - ✗ 4. $220 \times 10^{-8} \Omega\text{m}$

Question ID : 75189711156

Option 1 ID : 75189744624

Option 2 ID : 75189744622

Option 3 ID : 75189744621

Option 4 ID : 75189744623

Status : Answered

Chosen Option : 1

Q.82 Eight students, P, Q, R, S, T, U, V and W, are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. S is sitting to the immediate left of U. R is sitting fourth to the right of S. Q is an immediate neighbour of R and V, who is sitting third to the left of T. W is sitting second to the right of T.

Who is an immediate neighbour of T and W?

- Ans
- ✗ 1. S
 - ✗ 2. R
 - ✓ 3. P
 - ✗ 4. Q

Question ID : 75189711427

Option 1 ID : 75189745708

Option 2 ID : 75189745705

Option 3 ID : 75189745706

Option 4 ID : 75189745707

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.83 वनराज की आयु, उसके पुत्र की आयु की तीन गुनी है। उसकी पुत्री की आयु, उसके पुत्र की आयु से 3 वर्ष कम है। यदि 3 वर्ष पूर्व, इन तीनों की आयु का योग 63 वर्ष था, तो वनराज की वर्तमान आयु (वर्ष में) ज्ञात कीजिए।

- Ans**
- 1. 36
 - 2. 30
 - 3. 45
 - 4. 42

Question ID : 75189710005

Option 1 ID : 75189740018

Option 2 ID : 75189740019

Option 3 ID : 75189740017

Option 4 ID : 75189740020

Status : Answered

Chosen Option : 3

Q.84 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 jewellerys are ornaments.

Some flowers are ornaments.

All plants are flowers.

Conclusions:

I. All plants are jewellerys.

II. Some ornaments are jewellerys.

III. Some flowers are plants.

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

Question ID : 75189711682

Option 1 ID : 75189746725

Option 2 ID : 75189746728

Option 3 ID : 75189746727

Option 4 ID : 75189746726

Status : Answered

Chosen Option : 3

Q.85 Which of the following is not the property of ionic compounds?

- (i) Ionic compounds have low melting and boiling points.
- (ii) Ionic compounds are generally soluble in water and insoluble in solvent such as kerosene, petrol etc.
- (iii) Ionic compounds are solids and are somewhat hard because of the strong force of attraction between the positive and negative ions.
- (iv) Ionic compounds conduct electricity in the molten state.

- Ans**
- 1. ii
 - 2. iii
 - 3. i
 - 4. iv

Question ID : 7518973688

Option 1 ID : 75189714751

Option 2 ID : 75189714750

Option 3 ID : 75189714752

Option 4 ID : 75189714749

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

Chosen Option : --

Q.86 Under the provisions of which Article of the Indian Constitution is the President empowered to constitute a Finance Commission at the expiration of every fifth year or at such earlier time as the President considers necessary?

- Ans**
- 1. Article 282
 - 2. Article 280
 - 3. Article 283
 - 4. Article 281

Question ID : 75189712423

Option 1 ID : 75189749691

Option 2 ID : 75189749689

Option 3 ID : 75189749692

Option 4 ID : 75189749690

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

Chosen Option : --

Q.87 15 articles are sold at the total cost price of 20 articles. The gain or loss per cent is:

- Ans**
- ✓ 1. $33\frac{1}{3}\%$ gain
 - ✗ 2. $33\frac{1}{3}\%$ loss
 - ✗ 3. 20% loss
 - ✗ 4. 20% gain

Question ID : 75189711750
Option 1 ID : 75189746997
Option 2 ID : 75189746998
Option 3 ID : 75189747000
Option 4 ID : 75189746999
Status : Answered
Chosen Option : 1

Q.88 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

VZL15, TXJ18, RVH21, PTF24, ?

- Ans**
- ✗ 1. LMN27
 - ✗ 2. DRN27
 - ✓ 3. NRD27
 - ✗ 4. RND27

Question ID : 7518979835
Option 1 ID : 75189739340
Option 2 ID : 75189739339
Option 3 ID : 75189739337
Option 4 ID : 75189739338
Status : Answered
Chosen Option : 3

Q.89 Due to decrease in manpower, the production in a factory decreases by 30%. By what per cent should the working hours be increased to restore the original production?

- Ans**
- ✗ 1. 42%
 - ✓ 2. $42\frac{6}{7}\%$
 - ✗ 3. 43%
 - ✗ 4. 41%

Question ID : 75189711732
Option 1 ID : 75189746928
Option 2 ID : 75189746926
Option 3 ID : 75189746927
Option 4 ID : 75189746925
Status : Answered
Chosen Option : 2

Q.90 Which Articles of the Indian Constitution has provisions about the Fundamental Rights in the Constitution?

- Ans
- 1. Articles 52 to 78
 - 2. Articles 12 to 35
 - 3. Articles 5 to 11
 - 4. Articles 36 to 51

Question ID : 75189712421
Option 1 ID : 75189749684
Option 2 ID : 75189749682
Option 3 ID : 75189749681
Option 4 ID : 75189749683
Status : Answered
Chosen Option : 2

Q.91 Find the smallest natural number which, when divided by 9, 24 and 12, leaves a remainder 4 in each case but when divided by 5 leaves no remainder.

- Ans
- 1. 220
 - 2. 144
 - 3. 150
 - 4. 148

Question ID : 75189711728
Option 1 ID : 75189746911
Option 2 ID : 75189746912
Option 3 ID : 75189746909
Option 4 ID : 75189746910
Status : Answered
Chosen Option : 1

Q.92 वैदिक ग्रंथों के अनुसार, 'संग्रहित्री' का क्या कार्य था?

- Ans
- 1. चारण
 - 2. कोषाध्यक्ष/खजांची
 - 3. कर संग्राहक
 - 4. सारथी

Question ID : 75189712153
Option 1 ID : 75189748612
Option 2 ID : 75189748609
Option 3 ID : 75189748610
Option 4 ID : 75189748611
Status : Marked For Review
Chosen Option : 3

Q.93 If the diagonals of a quadrilateral bisect each other at right angles, then the quadrilateral is a:

- Ans
- 1. rectangle
 - 2. trapezium
 - 3. rhombus
 - 4. parallelogram

Question ID : 75189711826
Option 1 ID : 75189747301
Option 2 ID : 75189747304
Option 3 ID : 75189747303
Option 4 ID : 75189747302
Status : Answered
Chosen Option : 1

Q.94 Find the LCM of 550, 880 and 1320.

- Ans
- 1. 13200
 - 2. 10800
 - 3. 12300
 - 4. 11000

Question ID : 75189712015
Option 1 ID : 75189748059
Option 2 ID : 75189748057
Option 3 ID : 75189748058
Option 4 ID : 75189748060
Status : Answered
Chosen Option : 1

Q.95 The correct relation between the radius of curvature R and focal length f for a spherical mirror is:

- Ans
- 1. $\frac{R}{2} = f$
 - 2. $R = \frac{f}{2}$
 - 3. $R = f$
 - 4. $\frac{1}{R} = \frac{2}{f}$

Question ID : 7518979486
Option 1 ID : 75189737943
Option 2 ID : 75189737941
Option 3 ID : 75189737942
Option 4 ID : 75189737944
Status : Answered
Chosen Option : 1

Q.96 एक ऑडियो लॉन्चिंग प्रोग्राम में, कुछ एंकर एक पंक्ति में उत्तर की ओर मुख करके बैठे हैं। अर्चना, चिन्मा के बाईं ओर चौथे स्थान पर बैठी है और भूमिका के बाईं ओर सातवें स्थान पर बैठी है। भूमिका, दरानी के बाईं ओर पांचवें स्थान पर बैठी है। दरानी और ईशा के बीच केवल एक एंकर है। ईशा के दाईं ओर कोई एंकर नहीं बैठा है। यदि पंक्ति में कोई अन्य एंकर नहीं बैठा है, तो कुल कितने एंकर बैठे हैं?

- Ans
- 1. 13
 - 2. 15
 - 3. 11
 - 4. 12

Question ID : 75189711462

Option 1 ID : 75189745845

Option 2 ID : 75189745848

Option 3 ID : 75189745847

Option 4 ID : 75189745846

Status : Answered

Chosen Option : 2

Q.97 आठ लड़कियां - पॉटी, बाँबी, अंशु, रेणु, मोहिनी, सजाता, रानी और मोहिता एक वर्गाकार मेज के परितः मेज के केंद्र की ओर मुख करके बैठी हैं (किंतु उनका इसी क्रम में होना अनिवार्य नहीं है)। उनमें से कुछ लड़कियां कोनों पर बैठी हैं, जबकि कुछ लड़कियां भूजाओं के ठीक बीच में बैठी हैं। पॉटी, बाँबी के बाईं ओर छठे स्थान पर बैठी है, जो सजाता के दाईं ओर तीसरे स्थान पर बैठी है। मोहिनी, सजाता के बाईं ओर दूसरे स्थान पर बैठी है। रानी, पॉटी और बाँबी के ठीक बगल में बैठी है। अंशु, सजाता के ठीक बाईं ओर बैठी है, जो रेणु के ठीक बाईं ओर बैठी है।

रानी के ठीक दाईं ओर कौन बैठी है?

- Ans
- 1. पॉटी
 - 2. अंशु
 - 3. मोहिता
 - 4. बाँबी

Question ID : 75189711430

Option 1 ID : 75189745717

Option 2 ID : 75189745719

Option 3 ID : 75189745720

Option 4 ID : 75189745718

Status : Answered

Chosen Option : 1

Q.98 Which of the following quantities affects the electrical resistivity of a given metallic wire?

- Ans
- 1. Thickness of the wire
 - 2. Nature of the material of the wire
 - 3. Shape of the wire
 - 4. Number of turns of the wire

Question ID : 75189711312

Option 1 ID : 75189745245

Option 2 ID : 75189745247

Option 3 ID : 75189745246

Option 4 ID : 75189745248

Status : Answered

Chosen Option : 2

Q.99 The ratio of the volumes of two cylinders A and B having the radii of their bases as 2 cm and 3 cm, respectively, and having the same height, is:

- Ans**
- 1. 2 : 3
 - 2. 3 : 2
 - 3. 4 : 9
 - 4. 9 : 4

Question ID : 75189711811
Option 1 ID : 75189747243
Option 2 ID : 75189747244
Option 3 ID : 75189747241
Option 4 ID : 75189747242
Status : Answered
Chosen Option : 3

Q.100 A train 400 m long travelling at a speed of 64 km/h crosses another train 720 m long moving in the opposite direction at a speed of 80 km/h. How much time does the second train take to cross a man sitting in the first train?

- Ans**
- 1. 18 sec
 - 2. 16 sec
 - 3. 12 sec
 - 4. 15 sec

Question ID : 75189712045
Option 1 ID : 75189748180
Option 2 ID : 75189748179
Option 3 ID : 75189748177
Option 4 ID : 75189748178
Status : Answered
Chosen Option : 1