





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 Anantapur
Test Date	23/08/2022
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 A cyclist covers a distance of 2.5 km in 4 minutes 10 seconds. How long will he take to cover a distance of 6 km at the same speed?

Ans X 1. 12 minutes

X 2. 11 minutes

X 3. 10 minutes

X 4. 9 minutes

Question ID : 7518976290
Option 1 ID : 75189725160
Option 2 ID : 75189725157
Option 3 ID : 75189725159
Status : Answered
Chosen Option : 3

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Q.2 Study the given table and answer the question that follows.

The table shows value of Indian exports across different goods for different years.

Year	2021	2020	2019	2018	2017	2016	
Items	(Amount in ₹ Crores)						
Fruits	85	75	70	61	35	30	
Pulses	35	20	35	60	70	40	
IT products	200	160	100	120	90	85	
Defence products	120	80	110	85	60	40	
Dairy products	60	62	68	72	40	30	

What is the yearly average exports(combined) of fruits, IT products and defence products for 2018 to 2020?

Ans

× 1. ₹282 crores

× 2. ₹165 crores

× 3. ₹280 crores

4. ₹287 crores

Question ID : 7518974890

Option 1 ID : **75189719558** Option 2 ID : **75189719559**

Option 3 ID : **75189719557** Option 4 ID : **75189719560**

Status : Answered

Chosen Option : 4

Q.3 In a certain code language, TOUGH is written as 20152178 and PLEAD is written as 1612514. How will CLOVE be written in the same language?

Ans

X 1. 31115215

✓ 2. 31215225

X 3. 31215324

X 4. 31315235

Question ID : 7518975242

Option 1 ID: 75189720968

Option 2 ID: 75189720965

Option 3 ID : **75189720967**

Option 4 ID: 75189720966

Status : Answered



Q.4 What will come in place of p and q, respectively, in the given double displacement reaction?

 $Ag - p + NaCl \rightarrow Ag - q + NaNO_3$

Ans

× 2. Cl and NO₃

X 3. NO₃ and NO₃

× 4. Cl and Cl

Question ID: 7518973439 Option 1 ID: 75189713756

Option 2 ID: 75189713754 Option 3 ID: 75189713753 Option 4 ID: 75189713755

Status: Answered

Chosen Option: 1

Q.5 In February 2022, India became the first country in the world to play ______ One Day International cricket matches.

Ans

× 1. 800

× 2. 1100

3. 1000

X 4. 900

Question ID: 7518976459

Option 1 ID: 75189725836 Option 2 ID: 75189725833

Option 3 ID: 75189725834 Option 4 ID: 75189725835

Status: Answered

Chosen Option: 3

Q.6 Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

C_PR_DT_RN_T_RN_TP_N

Ans \checkmark 1. TNPEPFR

X2. TPNDPFR

X3. TNTEPFP

X4. PNPERFP

Question ID: 7518975218

Option 1 ID: 75189720872

Option 2 ID: 75189720870

Option 3 ID: 75189720871

Option 4 ID: 75189720869

Status: Answered



Q.7 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

TOP: VRU

XOR: ZRW

Ans

X 1. QIP: SLV

× 2. NET: PGY

X 4. TOM: VRQ

Question ID: 7518975058

Option 1 ID: 75189720230

Option 2 ID: 75189720229 Option 3 ID: 75189720232

Option 4 ID: 75189720231

Status: Answered

Chosen Option: 3

Q.8

The Union Budget 2022-23 has proposed to reduce the surcharge of cooperative societies from ____

for those whose income is between ₹1 crore and ₹10 crore.

Ans

X 1. 11%

× 2. 10%

/^{3.} 12%

X 4. 9%

Question ID: 7518973861

Option 1 ID: 75189715443

Option 2 ID: 75189715442

Option 3 ID: 75189715444

Option 4 ID: 75189715441

Status: Not Answered

Chosen Option: --

Which of the following materials is preferably used in making heating elements of electrical heating devices?

Ans

X 1. Tungsten

X 2. Tin-lead alloy

X 3. Constantan

4. Nichrome

Question ID: 7518975484

Option 1 ID: 75189721936

Option 2 ID: 75189721935

Option 3 ID: 75189721934 Option 4 ID: 75189721933

Status: Answered





Q.10 4 people A, B, C and D are sitting in a straight line, facing north. A and C are not sitting adjacent to each other, while C and B are sitting adjacent to each other. Which of the following sitting arrangements is NOT possible?

Ans X 1. CBAD

X 2. DABC

X 4. ABCD

Question ID: 7518974714
Option 1 ID: 75189718855
Option 2 ID: 75189718853
Option 3 ID: 75189718856
Option 4 ID: 75189718854
Status: Answered

Chosen Option: 3

Q.11 Which of the following home appliances does NOT use an electric motor?

Ans X 1 Electric washing machine

× 2. Electric mixer

X 4. Electric fan

Question ID: 7518975528
Option 1 ID: 75189722111
Option 2 ID: 75189722110
Option 3 ID: 75189722112
Option 4 ID: 75189722109
Status: Answered

Chosen Option: 3

Q.12 Three statements are given, followed by two conclusions numbered I and II. 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 sketches are cards.

All cards are posters.

Some sketches are folders.

Conclusions:

I. Some folders are posters.

II. Some cards are folders.

Ans X 1. Only conclusion II follows

★ 2. Only conclusion I follows

X 3. Either conclusion I or II follows

✓ 4. Both conclusions I and II follow

Question ID: 7518975168
Option 1 ID: 75189720670
Option 2 ID: 75189720669
Option 3 ID: 75189720672
Option 4 ID: 75189720671

Status: Answered



Q.13 The value of $\sqrt{144} + \sqrt{0.0169} - \sqrt{4.41} =$

Ans X 1. 15.4

√ 2. 10.03

X 3. 14.23

X 4. 11.2

Question ID: 7518975565

Option 1 ID: 75189722259

Option 2 ID: 75189722257

Option 3 ID: **75189722258**

Option 4 ID: **75189722260**

Status : Answered

Chosen Option: 3

Q.14 Two resistors of 4Ω each are connected in parallels to a 5V battery source. The total current in the circuit is:

Ans

X 1. 5 A

X 2. 20 A

X 3. 10 A

√ 4. 2.5 A

Question ID: 7518975453

Option 1 ID : **75189721810**

Option 2 ID : **75189721812** Option 3 ID : **75189721811**

Option 4 ID : **75189721809**

Status: Answered

Chosen Option : 4

Q.15 The average of thirteen consecutive integers is 36. If two times the smallest of these 13 integers is added to the largest of these 13 integers, what will be the sum obtained?

Ans

X 1. 115

× 2. 121

3. 102

X 4. 110

Question ID : **7518976304**

Option 1 ID: 75189725214

Option 2 ID: **75189725213**

Option 3 ID: **75189725216**

Option 4 ID: **75189725215**

Status : Answered





Q.16 Which of the following numbers will replace the question mark (?) in the given series?

13, 27, 56, 115, 234,?

Ans X 1. 346

X 2. 332

X 3. 482

4. 473

Question ID: 7518975283 Option 1 ID: 75189721130

Option 2 ID: 75189721129 Option 3 ID: 75189721132

Option 4 ID: 75189721131 Status: Answered

Chosen Option: 4

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

Statement-I: Modern periodic table has 18 vertical columns known as groups.

Statement-II: Modern periodic table has 7 horizontal rows known as periods.

Ans ✓ 1. Both statements are correct.

X 2. Both statements are incorrect.

★ 3. Statement I is correct, Statement II is incorrect.

★ 4. Statement II is correct, Statement I is incorrect.

Question ID: 7518973718

Option 1 ID: 75189714871

Option 2 ID: 75189714872

Option 3 ID: 75189714869

Option 4 ID: 75189714870 Status: Answered

Chosen Option: 1

Q.18 From which state of India did ISRO successfully test fire the Vikas engine, that would power India's first humancarrying rocket Gaganyaan?

Ans

Punjab

2. Tamil Nadu

★ 3. Haryana

X 4. Rajasthan

Question ID: 7518973764

Option 1 ID: **75189715054**

Option 2 ID: 75189715053

Option 3 ID: 75189715055 Option 4 ID: 75189715056

Status: Answered



Q.19 If $x^2 + xy + x = 18$ and $y^2 + xy + y = 24$, then the value of x + y is:

Ans **×** 1. −5 or 6

× 2. 5 or -6

X 4. -6 or 7

Question ID: 7518976346 Option 1 ID: **75189725383**

Option 2 ID: 75189725381 Option 3 ID: 75189725382 Option 4 ID: **75189725384**

Status: Answered

Chosen Option: 3

Q.20 Four houses, A, B, C and D, are located in the same colony. House A is 300 m to the north of House D. House C is 400 m to the east of House B. House A is 300 m to the south of House B. In which direction is House D with reference to House B?

Ans X 1. West

× 2. North

✓ 3. South

X 4. East

Question ID : 7518975259

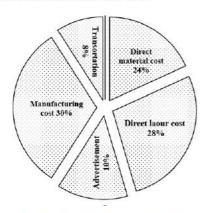
Option 1 ID: 75189721034 Option 2 ID: 75189721035 Option 3 ID: 75189721036

Option 4 ID: 75189721033 Status: Answered





Q.21 The following pie chart shows the percentage distribution of the expenditure incurred in manufacturing a power bank.
Study the pie chart and answer the question.



If 100 power banks are manufactured and the manufacturing cost on them amounts to ₹50,000, then what should be the selling price of the power banks so that the manufacturer can earn a profit of 50%?

Ans

X 1. ₹2400

√ 2. ₹2500

× 3. ₹2200

X 4. ₹3000

Question ID : **7518975124**

Option 1 ID: 75189720494

Option 2 ID: **75189720496**

Option 3 ID: **75189720495**

Option 4 ID : **75189720493** Status : **Answered**

Chosen Option : 2

Q.22 Given below are some conclusions of Mendel's work on pea plants. All of them are correct except one. Select the INCORRECT conclusion.

Ans

X 1. Genes are inherited as distinct units.

X 2

Segregation of genes takes place during formation of gametes.

✓ 3. Each gamete has two copies of the same gene.

X 4. Genes come in pairs.

Question ID: 7518974640

Option 1 ID: 75189718558

Option 2 ID: 75189718559

Option 3 ID: **75189718560**

Option 4 ID: **75189718557**

Status : Answered





Q.23 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the

Statement: $C \le F \le E = D \ge G \ge H \le I$

Conclusions

I D>C

II. E ≤ H

Ans

Neither conclusion I nor II is true

× 2. Only conclusion II is true

3. Only conclusion I is true

Mare true

A Both conclusions I and II are true

A second conclusions.

A second conclusions.

A second conclusions.

A second conclusions.

B second conclu

Question ID : **7518974964**Option 1 ID : **75189719856**

Option 2 ID : **75189719854** Option 3 ID : **75189719853** Option 4 ID : **75189719855**

Status : Answered

Chosen Option: 1

Q.24 What is the main reason for the pollution of River Ganga by coliform bacteria?

Ans X 1 Immersion of unburnt corpses

Chemical effluents from industries

★ 3. Washing of clothes

✓ 4. Untreated sewage dumped in it

Question ID: 7518974684

Option 1 ID: 75189718735

Option 2 ID: **75189718734**

Option 3 ID: 75189718733

Option 4 ID : **75189718736**Status : **Not Answered**

Chosen Option: --

Q.25 Oral pills used for birth control change the hormonal balance of the body. How do these prevent pregnancy? Select the correct option.

Ans X 1. Lining of uterus breaks off

X 2 Eggs are released but no fertilisation

X 3. No formation of eggs

4. Eggs are not released and no fertilisation

Question ID: 7518974625

Option 1 ID: 75189718499

Option 2 ID: 75189718500

Option 3 ID: **75189718498**

Option 4 ID: 75189718497

Status : Answered



Q.26 Each of A, B, C, D, E and F has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Thursday is the only gap day on which no exam is held. E's exam is on Saturday. The exams of A and Fare separated by one day that is the gap day. D's exam is immediately before F but is immediately after C. B's exam is on Sunday. On which day is D's exam held?

Ans

★ 1 Friday

√ 2. Tuesday

X 3. Wednesday

X 4. Monday

Question ID: 7518975149 Option 1 ID: 75189720596 Option 2 ID: 75189720594 Option 3 ID: 75189720595 Option 4 ID: 75189720593

Status: Answered

Chosen Option: 2

Q.27 Which of the following numbers will replace the question mark (?) in the given series?

25, 36, 49, 66, 85, ?

Ans X 1. 103

× 2. 110

X 3. 105

4. 108

Question ID: 7518975067 Option 1 ID: 75189720266 Option 2 ID: 75189720268 Option 3 ID: 75189720265 Option 4 ID: 75189720267 Status: Answered

Chosen Option: 4

Q.28 Ten years ago, a mother was 3 times as old as her son. 5 years ago she was $\frac{5}{2}$ times her son's age. What is her present

Ans

× 1. 30 years

× 2. 35 years

× 4. 45 years

Question ID: 7518975722

Option 1 ID: 75189722888 Option 2 ID: 75189722887 Option 3 ID: 75189722885

Option 4 ID: 75189722886

Status: Answered





Q.29 Which of following is the world's largest food security programme extended till September 2022 by the Union Cabinet, Government of India in March 2022?

Ans

X 1 Annapurna Scheme

X 2. Swaranjayanti Gram Swarozgar Yojana

🖋 3. Pradhan Mantri Garib Kalyan Anna Yojana

X 4.

Mahatma Gandhi National Rural Employment Guarantee Act

Question ID : 7518974162
Option 1 ID : 75189716645
Option 2 ID : 75189716646
Option 3 ID : 75189716648
Option 4 ID : 75189716647
Status : Answered

Chosen Option: 3

Q.30 If a sum of money doubles itself in 10 years at compound interest, then in how many years will it become 16 times of itself at the same rate?

Ans

× 1. 30

X 2. 20

3. 40

X 4. 10

Question ID: 7518975853
Option 1 ID: 75189723411
Option 2 ID: 75189723410
Option 3 ID: 75189723412
Option 4 ID: 75189723409
Status: Answered

Chosen Option: 3

Q.31 Which of the following is NOT a true statement?

Ans

× 1. Diagonals of a rhombus bisect each other at right angles.

X 2. All squares are rhombuses.

√ 3

Sum of any pair of adjacent angles of a rhombus is not 180°.

All sides of a rhombus are congruent.

Question ID: 7518975993

Option 1 ID : **75189723971** Option 2 ID : **75189723969**

Option 3 ID : **75189723972**

Option 4 ID : 75189723970

Status: Answered



Q.32 A compound X is transparent crystalline solid. It has cleansing properties and used in manufacture of glass. Compound

Ans

X 1. baking soda

× 2. sodium hydroxide

× 3. bleaching powder

4. washing soda

Question ID: 7518973666
Option 1 ID: 75189714661
Option 2 ID: 75189714663
Option 3 ID: 75189714664
Option 4 ID: 75189714662
Status: Not Answered

Chosen Option: --

Q.33 Solve: 2(5x-3) + 3(3x-5) = 93

Ans

$$\sqrt{1} x = 6$$

$$\times$$
 2. $x = 9$

$$\times$$
 3. $x = -6$

$$\times$$
 4. $x = -9$

Question ID : 7518975912 Option 1 ID : 75189723645 Option 2 ID : 75189723647 Option 3 ID : 75189723646 Option 4 ID : 75189723648 Status : Answered

Chosen Option: 1

Q.34 In a dynamo, electric current is produced using the principle of:

Δns

× 1 electromagnetism

× 2. electric conduction

× 3. electromagnetic radiation

Question ID: 7518975542

Option 1 ID: 75189722166

Option 2 ID: **75189722165**

Option 3 ID: **75189722167**

Option 4 ID: **75189722168**

Status: Answered

Q.35 The value of

$$(3^0 + 3^{-2} + 3^{-1}) \times 27 =$$

Ans X 1. 3

X 2. 32

X 3. 23

4. 39

Question ID: 7518975556

Option 1 ID: 75189722224 Option 2 ID: 75189722222 Option 3 ID: 75189722221 Option 4 ID: 75189722223

Status : Answered

Chosen Option: 4

Q.36 Which of the following languages is NOT a classical language in India as on June 2022?

Ans

X 1. Odia

✓ 2. Bengali

X 3. Sanskrit

X 4. Tamil

Question ID: 7518974183 Option 1 ID: 75189716732

Option 2 ID: 75189716730

Option 3 ID: 75189716729 Option 4 ID: 75189716731

Status: Answered

Chosen Option: 2

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 /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)

(4, 3, 16)

(3, 5, 19)

Ans

1 (8, 2, 20)

× 2. (8, 1, 18)

X 3. (5, 2, 49)

× 4. (3, 2, 12)

Question ID: 7518975084

Option 1 ID: 75189720333 Option 2 ID: 75189720336

Option 3 ID: 75189720335 Option 4 ID: 75189720334

Status: Answered





Q.38 In a certain code language, ROUTINE is written as UORTENI and PLAYERS is written as ALPYSRE. How will BANKING be written in the same language?

Ans X 1. NABGNIK

✓ 2. NABKGNI

X 3. BNAKIGN

4. NBAIGKN

Question ID: 7518975245 Option 1 ID: 75189720978 Option 2 ID: 75189720977 Option 3 ID: 75189720979 Option 4 ID: 75189720980 Status: Answered

Chosen Option : 2

Q.39 As per Annual Status of Education Report (rural) – 2021, what was the enrolment rate of children enrolled in government schools in the year 2021?

Ans X 1. 65.3%

× 2. 72.5%

√ 3. 70.3%

× 4. 67.5%

Question ID: 7518976542 Option 1 ID: 75189726165 Option 2 ID: 75189726168 Option 3 ID: 75189726167 Option 4 ID: 75189726166 Status: Not Answered

Chosen Option : --

Q.40 Selectively permeable membranes are those that allow penetration of ______

Ans X 1. neither solvent nor solute molecules

✓ 2. only solvent molecules but not solute molecules

× 3. both solvent and solute molecules

× 4. only solute molecules but not solvent molecules

Question ID : **7518974357**

Option 1 ID : **75189717425**

Option 2 ID: **75189717428** Option 3 ID: **75189717427**

Option 4 ID : **75189717426**

Status : Answered





Q.41 Study the given letter, number, symbol series and answer the question that follows.

7T%N9*MS3U=L8Y@G&3E>5&R3!K#7%H=Y6

Find out the total number of letters that are immediately followed by a number and immediately preceded by a symbol.

Ans 🗙 1. 1

X 2. 2

3. 4

X 4. 3

Question ID : 7518974798 Option 1 ID : 75189719189 Option 2 ID : 75189719190 Option 3 ID : 75189719192 Option 4 ID : 75189719191

Status: Answered

Chosen Option: 3

Q.42 The insoluble substance formed in a solution during a chemical reaction is known as ______.

Ans X 1. residue

× 2. aqueous solution

X 3. soluble salt

Question ID: 7518973436 Option 1 ID: 75189713741 Option 2 ID: 75189713743 Option 3 ID: 75189713742 Option 4 ID: 75189713744

Status : Answered

Chosen Option: 4

Q.43 एक कथन और उसके बाद दो धारणाएं। और ॥ दी गई हैं। कथन में दी गई जानकारी को सत्य मानते हुए विचार करें, और बताएं कि दी गई धारणाओं में से कौन सी कथन में निहित हैं?

कथन:

इमारत की बाहरी दीवारों में कई दरारें हैं, जिनकी मरम्मत दीवार की पेंटिंग शुरू होने से पहले की जानी चाहिए, जिससे बाद में रिसाव जैसी समस्याओं का सामना न करना पड़े।

धारणा:

बाहरी दीवारों को पेंट करने से रिसाव की समस्याएं हो सकती हैं।

II. बाहरी दीवारों में दरारों के कारण रिसाव की समस्याएं हो सकती हैं।

Ans

X2 न तो धारणा I, और न ही II निहित है

🔀 3. धारणा । और II, दोनों निहित हैं

🔀 4. केवल धारणा । निहित है

Question ID: 7518976407

Option 1 ID : **75189725626** Option 2 ID : **75189725627** Option 3 ID : **75189725628**

Option 4 ID : **75189725625**

Status : Answered



Q.44 Consider the below statements and identify the correct answer.

Statement-I: Most carbon compounds are poor conductors of electricity.

Statement-II: Carbon compounds have low melting and boiling points.

- X 1 Both the statements are false
- X 2 Statement-II is true, and Statement-I is false
- ★ 3. Statement-I is true, and Statement-II is false.
- ✓ 4. Both the statements are true

Question ID: 7518973544 Option 1 ID: 75189714174 Option 2 ID: 75189714176

Option 3 ID: 75189714175 Option 4 ID: **75189714173** Status: Answered

Chosen Option: 3

Q.45 In the year 2000, Monu was 3 times his sister's age. In 2010, he was 24 years older than her. Find Monu's age in 2010.

- Ans × 1. 38 years

 - × 3. 52 years
 - × 4. 62 years

Question ID: 7518975715

Option 1 ID: 75189722857

Option 2 ID: 75189722860

Option 3 ID: **75189722859**

Option 4 ID: 75189722858 Status: Answered

Chosen Option: 2

Q.46 What is the angular distance covered by the second hand of a correct clock in 12 minutes?

- Ans X 1. 4762°
 - × 2. 5120°
 - √ 3. 4320°
 - X 4. 5611°

Question ID: 7518976429

Option 1 ID: 75189725714

Option 2 ID: **75189725715**

Option 3 ID: 75189725713

Option 4 ID: 75189725716

Status: Answered



Q.47 V, W, X, Y, Z, A and B are seven boxes kept one over the other but not necessarily in the same order. A is kept immediately above W. Only four boxes are kept between B and W. Only one box is kept between V and X. X is kept immediately above A. B is kept at the topmost position. How many boxes are kept between Z and Y?

Ans

X 1. Two

✓ 2. Three

× 3. Four

X 4. One

Question ID: 7518974921 Option 1 ID: 75189719682 Option 2 ID: 75189719683 Option 3 ID: 75189719684 Option 4 ID: 75189719681

Status: Answered

Chosen Option: 2

Q.48 There are three numbers which are co-prime to one other such that the product of the first two is 357 and that of the last two is 609. What is the sum of the three numbers?

Ans X 1. 91

√ 2. **67**

X 3. 83

X 4. 75

Question ID: 7518976245 Option 1 ID: 75189724980 Option 2 ID: 75189724977 Option 3 ID: 75189724978 Option 4 ID: 75189724979 Status: Answered

Chosen Option: 2

Q.49 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 are not allowed.)

(7, 175, 5)

(6, 294, 7)

Ans X 1. (5, 140, 7)

√ 2. (3, 192, 8)

× 3. (6, 216, 5)

× 4. (8, 412, 9)

Question ID: 7518975306

Option 1 ID: 75189721222

Option 2 ID: 75189721221

Option 3 ID: 75189721223

Option 4 ID: 75189721224

Status: Answered



Q.50 Which of the following is NOT a result of the ozone layer depletion?

Ans X 1. The Earth getting more UV rays from the Sun

- ✓ 2. Tsunami
- ★ 3. Immune deficiency disorders
- X 4. Skin cancer

Question ID : **7518974467**Option 1 ID : **75189717866**Option 2 ID : **75189717865**

Option 3 ID : **75189717868** Option 4 ID : **75189717867**

Status : **Answered** Chosen Option : **2**

Simplify $\frac{\sin A}{1 + \cos A} + \frac{1 + \cos A}{\sin A}$.

Ans X 1. 2sec A

X 2. sec A

X 3. cosec A

√ 4. 2cosec A

Question ID : **7518976214**Option 1 ID : **75189724855**Option 2 ID : **75189724853**

Option 3 ID : **75189724854**Option 4 ID : **75189724856**

Status : Answered

Chosen Option: 4

Q.52 Which Indian Cricketer played his 100th test match against Sri Lanka in Mohali in March 2022?

Ans X 1. Rohit Sharma

X 2. Ravichandran Ashwin

✓ 3. Virat Kohli

X 4. Ishant Sharma

Question ID: **7518973950**

Option 1 ID: 75189715798

Option 2 ID: **75189715799**

Option 3 ID: **75189715797**

Option 4 ID: **75189715800**

Status : Answered





Q.53 Some features of transportation in plants are mentioned below. Which option shows the INCORRECT feature?

Ans X 1.

Vessels and Tracheids are dead cells and Sieve tubes are living

✓ 2. Movement of both water and food is bidirectional.

X 3. Xylem transports water and Phloem transports food

X 4.

Water movement is by simple physical forces; food movement requires energy

Question ID : 7518974543
Option 1 ID : 75189718171
Option 2 ID : 75189718170
Option 3 ID : 75189718169
Option 4 ID : 75189718172
Status : Answered

Chosen Option: 2

Q.54

Which of the following is NOT a tributary of the Yamuna river system?

Ans

★ 1. Hindon

X 2. Chambal

X 3. Sind

√ 4. Chenab

Question ID : **7518973906**Option 1 ID : **75189715621**

Option 2 ID : **75189715622** Option 3 ID : **75189715623** Option 4 ID : **75189715624**

Status: Answered

Chosen Option : 4

Q.55 Kidney is an organ of excretion and osmoregulation in humans. Regulation of which two substances is done by the kidneys?

Ans

★ 1. Water and O₂

X 2. Sugar and salts

× 3. CO₂ and proteins

Question ID : 7518974606

Option 1 ID : **75189718424** Option 2 ID : **75189718422**

Option 3 ID : **75189718421** Option 4 ID : **75189718423**

Status: Answered



Which of the following is a protein-splitting enzyme?

Ans X 1. Ptyalin

× 2. Amylase

× 3. Lipase

4. Pepsin

Question ID: 7518974373 Option 1 ID: 75189717491 Option 2 ID: 75189717490 Option 3 ID: **75189717492** Option 4 ID: 75189717489

Status: Answered Chosen Option: 4

Q.57 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- 1. All blazers are dungarees.
- 2. No dungaree is scarf.
- 3. All pyjamas are dungarees.

Conclusions:

- No blazer is scarf.
- II. No blazer is pyjama.
- III. Some blazers are pyjamas.

Ans

- ★ 1. Only conclusion I and III follow
- ✓ 2. Only conclusion I follows
- 3 Only conclusion I and II follow
- X 4. None of the conclusions follow

Question ID: 7518974751

Option 1 ID: 75189719002

Option 2 ID: 75189719003

Option 3 ID: 75189719001

Option 4 ID: 75189719004

Status: Answered



 $^{ extsf{Q.58}}$ Find the volume of a sphere whose diameter is 12 cm.

Ans \times 1. $864\pi \, cm^3$

√ 2. 288π cm³

× 3. 284π cm³

× 4. 248π cm³

Question ID: 7518975967

Option 1 ID: 75189723867

Option 2 ID: 75189723866

Option 3 ID: 75189723865

Option 4 ID: 75189723868 Status: Answered

Chosen Option: 2

Q.59 निम्नलिखित में से कौन सा, संविधान के अनुसार भारत में पंचायती राज व्यवस्था का हिस्सा नहीं है?

🔀 1. ग्राम पंचायत

✓ 2. ग्राम निगम

X3. जिला पंचायत

🔀 4. पंचायत समिति

Question ID: 7518974309

Option 1 ID: 75189717233

Option 2 ID: **75189717234**

Option 3 ID: **75189717236**

Option 4 ID: 75189717235

Status : Answered

Chosen Option: 2

Q.60 The mean of the data 9, 3, 5, 4, 4, 5 and y is y. What is the mode of the data?

Ans X 1. 4

√ 2. **5**

X 3. 9 X 4. 3

Question ID: 7518976310

Option 1 ID: 75189725237

Option 2 ID: **75189725238**

Option 3 ID: 75189725239

Option 4 ID: 75189725240 Status: Answered



 ${f Q.61}$ The measure of each interior angle of a regular polygon is 120° . How many sides does this polygon have?

Ans X 1. 7

√ 2. 6

X 3. 5

X 4. 8

Question ID: 7518975984

Option 1 ID: 75189723935

Option 2 ID: 75189723934

Option 3 ID: 75189723933 Option 4 ID: 75189723936

Status: Answered

Chosen Option: 2

Q.62 Four friends Himani, Shalaka, Mitali and Brinda are sitting around a square table facing the centre of the table. All four of them are sitting at the corners of the table. Himani is to the immediate right of Brinda. Mitali is to the immediate left of Shalaka. Himani is second to the left of Shalaka. After some time, Himani leaves her place and is replaced by Kamini. Similarly, Brinda is also replaced by Tara. Now who is sitting to the immediate left of Tara?

Ans X 1. Mitali

✓ 2. Shalaka

X 3. Brinda

X 4. Kamini

Question ID: 7518975138

Option 1 ID: 75189720550

Option 2 ID: 75189720549

Option 3 ID: 75189720552

Option 4 ID: 75189720551

Status : Answered

Chosen Option: 2

Q.63 A bike running at a speed of 50 km/h reaches its destination 10 minutes late. If it runs at 60 km/h it is late by 5 minutes. How many minutes should the bike take, travelling at usual speed to complete the journey on the same route to reach on

Ans X 1. 15 minutes

× 2. 25 minutes

√ 3. 20 minutes

× 4. 12 minutes

Question ID: 7518976090

Option 1 ID: 75189724359

Option 2 ID: 75189724357

Option 3 ID: **75189724358**

Option 4 ID: 75189724360

Status: Answered

Q.64 An object placed 30 cm from a concave lens forms a virtual erect image at a distance of 10 cm from the lens. The magnification produced by the lens is:

Ans

Question ID: 7518975417

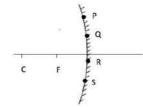
Option 1 ID: 75189721666 Option 2 ID: 75189721665

Option 3 ID: 75189721668 Option 4 ID: 75189721667

Status: Answered

Chosen Option: 4

Q.65 P, Q, R and S are four points on the surface of a concave mirror as shown in the figure. If r_1 , r_2 , r_3 and r_4 are the distance of centre of curvature from points P, Q, R and S, respectively, then the correct relation between r_1 , r_2 , r_3 and r_4 is:



Ans
$$x_1$$
. $r_1 = r_2$, $r_3 = r_4$ $r_2 \neq r_3$

$$\checkmark$$
 2. $\mathbf{r}_1 = \mathbf{r}_2 = \mathbf{r}_3 = \mathbf{r}_4$

$$\times$$
 3. $r_1 > r_2 > r_3 > r_4$

$$\times$$
 4. $r_1 < r_2 < r_3 < r_4$

Question ID: 7518975358

Option 1 ID: 75189721432

Option 2 ID: 75189721429

Option 3 ID: 75189721430 Option 4 ID: 75189721431

Status : Answered



Q.66

The Largest brackish water Lake of India is present in which state?

Ans

- X 1. Assam
- 2. Odisha
- X 3. Gujarat
- Maharashtra

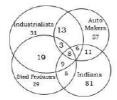
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Question ID : 7518973905 Option 1 ID : 75189715619 Option 2 ID : 75189715617 Option 3 ID : 75189715618 Option 4 ID : 75189715620

Status : Answered

Chosen Option : 2

Q.67 Study the diagram and answer the question that follows. The numbers in different sections indicate the number of persons. How many Indian industrialists make autos but are NOT steel producers?



Ans

√ 1. 6

X 2. 3

X 3. 8

X 4. 13

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Question ID: 7518974758
Option 1 ID: 75189719032
Option 2 ID: 75189719030
Option 3 ID: 75189719031
Option 4 ID: 75189719029

Status : Answered





Q.68 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

 $125.99 - 35.92 + 3.89 \times 16.11 = ?$

Ans X 1. 158

X 2. 166

⊘ 3. 154

X 4. 150

Question ID: 7518975093

Option 1 ID: 75189720370

Option 2 ID: 75189720372

Option 3 ID: 75189720371

Option 4 ID: 75189720369 Status: Answered

Chosen Option: 3

The sum of three consecutive multiples of 9 is 2457, find the largest one.

Ans

√ 1. 828

× 2. 990

X 3. 819

× 4. 999

Question ID: 7518975705

Option 1 ID: 75189722818

Option 2 ID: 75189722820

Option 3 ID: 75189722817 Option 4 ID: 75189722819

Status: Answered

Chosen Option: 1

Q.70 A wire of a given material has length 'I' and resistance 'R'. Another wire of the same material having nine times the length

and the same area of cross section will have a resistance equal to:

Ans

🔀 1. 1/3R

× 2. 1/9R

X 4. 3R

Question ID: 7518975468

Option 1 ID: 75189721872

Option 2 ID: 75189721870

Option 3 ID: 75189721869

Option 4 ID: 75189721871

Status: Answered



Q.71 The Missionaries of Charity is a Catholic religious congregation established in ______ by Mother Teresa.

Ans X 1. 1954

√ 2. 1950

× 3. 1947

X 4. 1952

Question ID: 7518974196

Option 1 ID: 75189716784

Option 2 ID: **75189716782** Option 3 ID: 75189716781 Option 4 ID: 75189716783

Status: Not Answered

Chosen Option: --

Q.72 Which Article of the Indian Constitution states that 'The Council of Ministers shall be collectively responsible to the House of the People'?

Ans

X 1. Article 80 (4)

× 2. Article 75 (2)

X 3. Article 75 (1)

✓ 4. Article 75 (3)

Question ID: 7518974285

Option 1 ID: 75189717140

Option 2 ID: 75189717139 Option 3 ID: 75189717138

Option 4 ID: 75189717137

Status: Answered

Chosen Option: 3

Q.73 Which two signs should be interchanged to make the given equation correct?

$$24 \times 6 - 12 + 18 \div 3 = 46$$

Ans
$$\times$$
 1. $+$ and $-$

 \checkmark 2. \times and \div

× 3. + and ÷

 \times 4. \times and +

Question ID: 7518975327

Option 1 ID: 75189721308

Option 2 ID: 75189721306

Option 3 ID: 75189721307

Option 4 ID: 75189721305

Status: Answered



Q.74

'निशागंधी नृत्य उत्सव' इनमें से किस राज्य में मनाया जाता है?

Ans

- ✓¹ केरल
- × ². कर्नाटक
- Х³. तिमलनाडु
- 🔀 4. उत्तर प्रदेश

Question ID: 7518973807 Option 1 ID: 75189715227 Option 2 ID: 75189715226 Option 3 ID: 75189715225 Option 4 ID: 75189715228

Status: Answered

Chosen Option: 4

Q.75 If A bought an item for ₹384 and sold it for ₹576 and B bought another item for ₹1,254 and sold it for ₹1,672. What is the ratio of gain % of A to gain % of B?

Ans

- × 4. $\frac{3}{4}$



Question ID: 7518975623 Option 1 ID: 75189722489 Option 2 ID: 75189722492 Option 3 ID: 75189722491 Option 4 ID: 75189722490 Status: Answered

Chosen Option: 3

Q.76 In a class of 21 students, each scored differently. P's rank from the bottom is 9th, while Q's rank from the top is also 9th. How many students are ranked between Q and P?

Ans X 1. 4

X 2. 2

X 3. 5

4. 3

Question ID: 7518974718 Option 1 ID: 75189718869 Option 2 ID: 75189718870 Option 3 ID: 75189718871 Option 4 ID: 75189718872

Status: Answered





Q.77 At which position on principal axis does a concave mirror forms a highly diminished, real and inverted image of an object?

Ans X 1. 2F

× 2. beyond 2F

X 3. between F and 2F

√ 4. F

Question ID: 7518975367
Option 1 ID: 75189721466
Option 2 ID: 75189721468
Option 3 ID: 75189721467
Option 4 ID: 75189721465
Status: Answered

Chosen Option: 3

 ${\bf Q.78}\quad {\bf Lemons\ placed\ inside\ a\ beaker\ filled\ with\ water\ appear\ relatively\ larger\ in\ size\ due\ to:}$

Ans X 1. scattering of light

✓ 2. refraction of light

✗ 3 reflection of light

4 dispersion of light

Question ID: 7518975443 Option 1 ID: 75189721771 Option 2 ID: 75189721769 Option 3 ID: 75189721770

Option 4 ID : **75189721772**Status : **Answered**

Chosen Option : 2

Q.79 N.K.Singh became the Chairman of which Finance Commission of India?

Δne

X 1. 19th

× 2. 17th

× 3. 13th

√ 4. 15th

Question ID : 7518973925

Option 1 ID: **75189715700**

Option 2 ID: 75189715699

Option 3 ID: **75189715697**

Option 4 ID: 75189715698

Status : Answered

The HCF of 45, 78 and 117 is:

- Ans × 1. 9
 - X 2. 5
 - X 3. 7
 - √ 4. 3

Question ID: 7518976248

Option 1 ID: **75189724990**

Option 2 ID: 75189724991

Option 3 ID: 75189724989

Option 4 ID: **75189724992**

Status: Answered

Chosen Option: 4

Q.81 Workers who own and operate an enterprise to earn their livelihood are known as:

- ★ 1 hired workers
- × 2. regular salaried employed workers
- X 3. government employed workers

Question ID: 7518974225

Option 1 ID: 75189716897

Option 2 ID: 75189716900

Option 3 ID: 75189716898

Option 4 ID: 75189716899

Status: Answered Chosen Option: 4

The product of the roots of the quadratic equation $6 - 5x^2 - 8x = 0$ is:

$$\times$$
 1. $-\frac{8}{5}$

× 2.
$$\frac{8}{5}$$

$$\times$$
 3. $\frac{6}{5}$

$$\checkmark$$
 4. $-\frac{6}{5}$

Question ID: 7518976168 Option 1 ID: **75189724670** Option 2 ID: 75189724669 Option 3 ID: 75189724672 Option 4 ID: 75189724671 Status: Answered



Q.83 Fiscal policy is the policy of:

Ans

√ 1. the Government

× 2. RBI

X 3. NABARD

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Question ID : 7518974235 Option 1 ID : 75189716938 Option 2 ID : 75189716939 Option 3 ID : 75189716937 Option 4 ID : 75189716940 Status : Answered

Chosen Option: 1

Q.84 Which of the following Acts was passed by the British Parliament, defining the powers and responsibilities of the various organs of the East India Company?

Ans

1. Indian Councils Act of 1892

2. Regulating Act of 1773

3 Government of India Act of 1858

Pitt's India Act of 1784

Question ID: 7518973989
Option 1 ID: 75189715956
Option 2 ID: 75189715953
Option 3 ID: 75189715955
Option 4 ID: 75189715954
Status: Answered

Chosen Option : 2

Q.85 A dealer allows 30% discount on the marked price of an item and still makes a profit of 10%. By how much percentage is the marked price more than the cost price (rounded off to two places of decimal)?

Ans

✓ 1 57.14%

× 2. 26.67%

× 3. 33.33%

X 4. 45.45%

Question ID: 7518976081

Option 1 ID: 75189724324

Option 2 ID : **75189724321**

Option 3 ID: **75189724322**

Option 4 ID : **75189724323** Status : **Answered**



Q.86 The cost incurred by Mahesh to produce an item in the factory was ₹2,000. He had to spend 10% of the production cost incurred on the item in the factory to transport it to the showroom. He sold the item from the showroom at a price that was 15% above the total cost incurred by Mahesh in the production and transportation of the item. What was the price at which Mahesh sold the item from the showroom?

Ans

X 1. ₹2,300

√ 2. ₹2,530

× 3. ₹2,500

× 4. ₹2,250

Question ID: 7518976260 Option 1 ID: 75189725038 Option 2 ID: 75189725039 Option 3 ID: 75189725037 Option 4 ID: 75189725040

Status: Answered

Chosen Option: 2

A sum of money is to be distributed among four members A, B, C, and D in the ratio 4: 7: 9: 3. If C gets ₹720 more than D, find D's share.

Ans × 1. ₹240

× 2. ₹160

√ 3. ₹360

× 4. ₹480

Question ID: 7518976064 Option 1 ID: 75189724254 Option 2 ID: 75189724253 Option 3 ID: 75189724255 Option 4 ID: 75189724256

Status: Answered

Chosen Option: 3

Q.88 Each of the digits in the number \$13924765 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

Ans X 1. None

× 2. One

√ 3. Two

X 4. Three

Question ID: 7518974876

Option 1 ID: 75189719501

Option 2 ID: 75189719502

Option 3 ID: 75189719503

Option 4 ID: 75189719504

Status: Answered



Q.89 Refer to the given letter and symbol series and answer the question that follows.

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

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

Ans X 1. 4

X 2. 6

√ 3. **5**

X 4. 2

Question ID : **7518975005**

Option 1 ID : **75189720018** Option 2 ID : **75189720019** Option 3 ID : **75189720020**

Option 4 ID : **75189720017**Status : **Answered**

Chosen Option: 3

Q.90 Which of the following group of hydrocarbons follows the general formula of C_nH_{2n} ?

Ans X 1. Alkyne

× 2. Alkyl

X 3. Alkane

Question ID: 7518973380

Option 1 ID: 75189713519

Option 2 ID: **75189713520**

Option 3 ID: **75189713517**

Option 4 ID : **75189713518**Status : **Answered**

Chosen Option: 4

Q.91 Which physiographic division covers a distance of 2500 km from Indus to Brahmaputra in west-east direction?

Ans X 1. Coastal plains

× 2. Northern plains

3. Himalayan mountains

Y 4 Peninsular plateau

Question ID: 7518974079

Option 1 ID: 75189716316

Option 2 ID: **75189716313**

Option 3 ID: **75189716314**

Option 4 ID: **75189716315**

Status: Answered





Q.92 The Twenty Point Programme (TPP) was launched by the Government of India in ___

Ans X 1. 1980

√ 2. 1975

X 3. 1985

X 4. 1990

Question ID: 7518974250 Option 1 ID: 75189716998 Option 2 ID: 75189716997 Option 3 ID: 75189716999 Option 4 ID: 75189717000 Status: Not Answered

Chosen Option: --

Q.93 Consider the statements below and identify the correct answer.

Statement I: Among chemical properties, Mendeleev concentrated on the compounds formed by elements with carbon

Statement II: He selected these elements as they are less reactive and formed compounds with few elements.

Ans

X 1 Statement II is correct, Statement I is incorrect.

✓ 2. Both statements are incorrect.

X 3. Both statements are correct.

X 4 Statement I is correct, Statement II is incorrect.

Question ID: 7518973713 Option 1 ID: 75189714850 Option 2 ID: 75189714852 Option 3 ID: 75189714851 Option 4 ID: 75189714849 Status : Answered

Chosen Option: 2

Q.94 Each vowel in the word 'DESTROY' 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, thus formed, is arranged in alphabetical order, which letter will be fifth from the right end?

Ans

√ 1. P

X 2. F

X 3. Q

× 4. R

Question ID: 7518974989

Option 1 ID: 75189719954 Option 2 ID: 75189719953

Option 3 ID: 75189719955 Option 4 ID: 75189719956

Status: Answered



Q.95 In chlor-alkali process, chlor represents chlorine gas and alkali represents:

Ans 💚 1. NaOH

X 2. CaCO₃

★ 3. Ca(OH)₂

X 4. ZnO

Question ID: 7518973471 Option 1 ID: 75189713883 Option 2 ID: 75189713882 Option 3 ID: 75189713884 Option 4 ID: 75189713881

Status: Answered

Chosen Option: 1

Q.96 Starting from point L, a person walks 125 m towards the south. He then takes a left turn and walks 70 m. From there, he takes a left turn and walks 80 m. After that, he takes a left turn and walks 115 m. Finally, he takes a right turn and walks 45 m to reach point M. How far and in which direction is point M from point L ? (All turns are 90 degree turns only)

Ans X 1. 45 m, East

× 2. 90 m, East

× 4. 90 m, North

Question ID: 7518975049 Option 1 ID: 75189720193 Option 2 ID: **75189720195** Option 3 ID: 75189720194 Option 4 ID: 75189720196

Status: Answered Chosen Option: 3

Q.97 Find the area of a rhombus whose diagonals are 12 cm and 15 cm long.

Ans X 1. 45 cm²

× 2. 60 cm²

√ 3. 90 cm²

× 4. 80 cm²

Question ID: 7518975964

Option 1 ID: 75189723854

Option 2 ID: **75189723853**

Option 3 ID: 75189723856

Option 4 ID: **75189723855**

Status: Answered





Q.98 Who has launched the first Indian Virtual Science Lab for children under the CSIR Jigyasa programme?

Ans X 1. Dharmendra Pradhan

✓ 2. Dr. Jitendra Singh

X 3. Amit Shah

Mar. Virendra Kumar

A. Dr. Virendra Kum

Question ID : 7518974147 Option 1 ID : 75189716586 Option 2 ID : 75189716585 Option 3 ID : 75189716587 Option 4 ID : 75189716588

Status : **Answered** Chosen Option : **1**

Q.99 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $N \ge M \le K = L \ge I \ge J$

I. L > J

II. N > L

Ans X 1. Neither conclusion I nor II is true

2. Only conclusion II is true

X 4. Both conclusions I and II are true

Question ID : **7518974951**

Option 1 ID: 75189719804

Option 2 ID : **75189719802**

Option 3 ID: **75189719801**

Option 4 ID : **75189719803**Status : **Answered**

Chosen Option: 3

Q.100 The value of $12 \div 3 \times (7 + 8 - 3)$ is:

Ans

× 3.
$$\frac{6}{13}$$

$$\times$$
 4. $\frac{1}{13}$

Question ID: 7518976005

Option 1 ID: 75189724017

Option 2 ID: 75189724020

Option 3 ID : **75189724018**

Option 4 ID: 75189724019

Status: Answered