





# 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 Dholi Magri
Test Date	25/08/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

<sup>\*</sup> 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 What is another term for 'pedology'?

Ans

★ 1 Geomorphology

× 2. Oceanography

✗ 3. Phyto Geography

Question ID : 7518977247
Option 1 ID : 75189728987
Option 2 ID : 75189728988
Option 3 ID : 75189728985
Option 4 ID : 75189728986

Status : Answered

Chosen Option: 4

Q.2 I walk at a speed of 10 km/h and reach the destination in 2 hrs. If I increase my speed by 5 km/h, how early would I reach my destination?

Ans

X 1. 30 min

√ 2. 40 min

X 3. 20 min

× 4. 50 min

Question ID: 7518975647

Option 1 ID : **75189722586** Option 2 ID : **75189722587** 

Option 3 ID : **75189722585** 

Option 4 ID: 75189722588

Status : Answered

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Q.3 An object of size 3.0 cm is placed in front of a concave mirror of focal length 18 cm, at a distance of 54 cm. The image formed is \_\_\_\_\_ and its height is \_\_\_\_\_.

Ans

1. inverted, 1.5 cm

× 2. inverted, 0.75 cm

× 3. erect, 1.5 cm

× 4 erect, 0.75 cm

Question ID: 7518976612
Option 1 ID: 75189726448
Option 2 ID: 75189726446
Option 3 ID: 75189726447
Option 4 ID: 75189726445

Status : Not Attempted and Marked For Review

Chosen Option: --

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.

35:21::20:12::40:?

Ans

X 1. 39

× 2. 42

X 3. 26

**4.** 24

Question ID: 7518974864
Option 1 ID: 75189719453
Option 2 ID: 75189719456
Option 3 ID: 75189719454
Option 4 ID: 75189719455

Status : Answered Chosen Option : 4

Q.5 Which of the following is NOT a main site of transpiration?

Ans

X 1. Cuticle

X 2. Stomata

X 4. Lenticels

Question ID : **7518974354** Option 1 ID : **75189717413** 

Option 2 ID : **75189717415** Option 3 ID : **75189717416** Option 4 ID : **75189717414** 

Status : Not Attempted and Marked For Review





Which of the following statements regarding fertilizers is FALSE?

Ans X 1. Nutrient amounts calculated in advance can be applied

× 2. Must be properly stored

X 3. Leaches out with rains or irrigation water

✓ 4. Never contaminate air and water

Question ID: 7518974327 Option 1 ID: 75189717305 Option 2 ID: 75189717308 Option 3 ID: 75189717306 Option 4 ID: 75189717307

Status: Answered

Chosen Option: 4

Q.7

In March 2022, which bank launched 'Project Banksakhi' in Odisha?

Ans

X 1. PNB Bank

X 2. Axis Bank

X 3. HDFC Bank

✓ 4. Bank of Maharashtra

Question ID: 7518973871

Option 1 ID: 75189715484

Option 2 ID: 75189715482

Option 3 ID: 75189715483

Option 4 ID: 75189715481

Status : Not Attempted and Marked For Review





Q.8

Who among the following is the in charge of the Union Territories in the absence of the Chief Minister?

Ans

- Prime Minister
- X 2. Chief Justice of India
- × 3. President
- ✓ 4. Lieutenant Governor

Question ID: 7518973929
Option 1 ID: 75189715716
Option 2 ID: 75189715713
Option 3 ID: 75189715715
Option 4 ID: 75189715714

Status : **Answered** Chosen Option : **4** 

Q.9

Urgelling Gompa is found in the Indian state of

Ans

- X 1. Uttarakhand
- X 2. Sikkim
- X 3. Himachal Pradesh
- ✓ 4. Arunachal Pradesh

Question ID: 7518973823

Option 1 ID : **75189715292** Option 2 ID : **75189715289** 

Option 3 ID : **75189715291** 

Option 4 ID : **75189715290** 

Status: Answered



Q.10 A certain number of people are sitting in a row, facing the north. Only 6 persons are sitting between Monika and Dipen.

Monika is at the 8th place from the extreme right end of the row, Ketan is at some place towards the left of Monika.

Ketan and Monika have exactly 3 persons sitting between them. Ketan is at the 10th place from the extreme left end. Dipen is sitting at the extreme right end. If no other person is sitting in the row, what is the total number of persons

Ans

√ 1. 21

X 2. 22

X 3. 23

X 4. 20

Question ID: 7518975166

Option 1 ID: 75189720662 Option 2 ID: 75189720663

Option 3 ID: 75189720664 Option 4 ID: 75189720661

Status: Answered

Chosen Option: 1

Q.11

Simplify  $\frac{3^3 \times 2^4 \times 7^2}{3^2 \times 56}$ .

Ans X 1. 28

X 2. 36

**√** 3. **42** 

X 4. 70

Question ID: 7518975797

Option 1 ID: 75189723187 Option 2 ID: 75189723186

Option 3 ID: 75189723185 Option 4 ID: 75189723188

Status: Answered

Chosen Option: 3

Q.12 The S.I unit of resistance is equivalent to:

Ans X 1. joule/coulomb

√ 2. volt/ampere

X 3. ampere/volt

× 4. coulomb/joule

Question ID: 7518975456

Option 1 ID: 75189721823

Option 2 ID: 75189721821

Option 3 ID: 75189721822

Option 4 ID: 75189721824

Status: Answered





Q.13 The pattern of magnetic field lines due to a current carrying solenoid is similar to a:

★ 1 current carrying circular loop

✓ 2. bar magnet

× 3. horseshoe magnet

× 4 current carrying straight wire

Question ID: 7518975517 Option 1 ID: 75189722068 Option 2 ID: 75189722065 Option 3 ID: 75189722066 Option 4 ID: 75189722067

Status: Answered

Chosen Option: 1

Q.14 The position of how many letters will remain unchanged if each of the letters in the word BREAKDOWN is arranged in alphabetical order?

Ans × 1. 1

X 2. 4

√ 3. 2

X 4. 3

Question ID: 7518974793

Option 1 ID: 75189719169 Option 2 ID: 75189719172 Option 3 ID: 75189719170 Option 4 ID: 75189719171

Status: Answered

Chosen Option: 1

Q.15 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. A is sitting at one of the corners and is the immediate neighbour of E and F. D is sitting exactly opposite to A and to the immediate left of B. C is sitting at one of the corners and to the immediate right of F. G is not sitting at any of the corners. Who among the following is sitting exactly opposite to F?

Ans

X 1. H

X 2. G

X 3. E

√ 4. B

Question ID: 7518977294

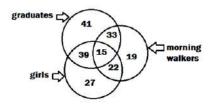
Option 1 ID: 75189729176 Option 2 ID: 75189729173

Option 3 ID: 75189729175 Option 4 ID: 75189729174

Status: Answered



Q.16 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of



Which of the following statements is correct on the basis of the above diagram?

Ans

The number of girls who are both graduates and morning walkers is 39.

The number of morning walkers who are also girls but not graduates is 19.

The number of graduates who are also morning walkers but not girls is 33.

X 4.

The number of graduates who are also girls but not morning walkers is 22.

Question ID: 7518975185

Option 1 ID: 75189720738 Option 2 ID: **75189720737** Option 3 ID: 75189720740

Option 4 ID: 75189720739 Status: Answered

Chosen Option: 3

Q.17 Study the given number series and answer the question that follows.

29, 74, 93, 75, 19, 52, 75, 94, 93, 71

If the ten's and one's position is interchanged for all the numbers, then which original number will form the largest and the smallest in the series, respectively?

Ans X 1. 93 and 94

√ 2. 29 and 71

× 3. 93 and 71

X 4. 19 and 29

Question ID: 7518974804

Option 1 ID: 75189719215

Option 2 ID: 75189719216

Option 3 ID: 75189719213

Option 4 ID: 75189719214

Status: Answered

Solve  $(a - b)^3 + (b - 2c)^3 + (-a + 2c)^3$ .

Ans  $\times 1. \ a - b + 2c$ 

 $\times$  2. a - 2c + 4b

 $\sqrt{3}$  3((a - b) (b - 2c) (-a+2c))

 $\times$  4.  $(a-b+2c)^2$ 

Question ID: 7518975695 Option 1 ID: 75189722777 Option 2 ID: 75189722779 Option 3 ID: 75189722780 Option 4 ID: 75189722778

Status: Answered

Chosen Option: 3

Q.19 Marathi, which is an Indo-Aryan language, is the largest language spoken by 6.86% of the total population of India according to the 2011 census.

Ans

✓ 1. Third

× 2. Fifth

× 3. Fourth

X 4. Second

Question ID: 7518974011 Option 1 ID: 75189716042 Option 2 ID: 75189716044 Option 3 ID: 75189716043 Option 4 ID: 75189716041 Status: Answered

Chosen Option: 3

Q.20 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. E is sitting at any one of the sides and is the immediate neighbour of both B and D. C is sitting exactly opposite to D, and H is sitting exactly opposite to B. G is sitting second to the left of E and to the immediate left of D. F is exactly opposite to G. Who among the following is sitting exactly opposite to A?

Ans X 1. B

X 2. G

√ 3. E

X 4. F

Question ID: 7518977295 Option 1 ID: 75189729180 Option 2 ID: 75189729178 Option 3 ID: 75189729177 Option 4 ID: 75189729179

Status: Answered





Q.21 In certain store, the profit is 260% of the cost. If the selling price is ₹7,200, then the cost price is:

**×** 1. ₹2,420

√ 2. ₹2,000

×3. ₹3,000

× 4. ₹2,200

Question ID: 7518976074 Option 1 ID: 75189724295 Option 2 ID: 75189724293 Option 3 ID: 75189724296 Option 4 ID: 75189724294

Status: Answered Chosen Option: 2

Q.22 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

SEARCH: ESRAHC:: DESIGN: EDISNG:: LAYOUT:?

Ans

✓ 1 ALOYTU

2. AOLTYU

X 3. UTYOLA

X 4. UYTLOA

Question ID: 7518977376 Option 1 ID: 75189729502

Option 2 ID: 75189729504 Option 3 ID: 75189729503

Option 4 ID: 75189729501

Status: Answered Chosen Option: 1

Q.23 Today, age of the father is twice the sum of the ages of his 3 children. After 15 years father's age will be equal to the sum of the ages of his children. How old is the father 15 years from today?

Ans X 1. 90 years

× 2. 85 years

× 4. 95 years

Question ID: 7518975723

Option 1 ID: 75189722891 Option 2 ID: 75189722890

Option 3 ID: 75189722889

Option 4 ID: 75189722892

Status: Answered



Q.24 Consider the below statements and identify the correct answer.

Statement I: Lithium, Sodium and Rubidium are elements of Dobereiner's triad.

Statement II: In triads, the atomic mass of the middle element was roughly the average of the atomic masses of the other two elements

Ans

- ✓ 1 Statement II is correct, Statement I is incorrect.
- 2 Both statements are correct.
- ✗ 3. Statement I is correct, Statement II is incorrect.
- X 4. Both statements are incorrect.

Question ID : 7518973701
Option 1 ID : 75189714802
Option 2 ID : 75189714803
Option 3 ID : 75189714801
Option 4 ID : 75189714804
Status : Answered

Chosen Option: 2

- Q.25 The reaction in which a single reactant splits into the two or more simpler products is called:
- Ans X 1. combination reaction
  - × 2. displacement reaction
  - × 3. double displacement reaction

Question ID: 7518973425 Option 1 ID: 75189713699 Option 2 ID: 75189713697 Option 3 ID: 75189713698

Option 4 ID : **75189713700**Status : **Answered** 

Chosen Option: 4

Q.26 If the surface area of a spherical ball is 616 m<sup>2</sup>, its volume is:

Δns

- √ 1. 1437.33 m<sup>3</sup>
- × 2. 1238,33 m<sup>3</sup>
- × 3. 1786.35 m<sup>3</sup>
- × 4. 1657.29 m<sup>3</sup>

Question ID: 7518975752

Option 1 ID: **75189723008**Option 2 ID: **75189723005**Option 3 ID: **75189723006** 

Option 4 ID : **75189723007** 

Status : Answered



Q.27 Find the mean of the following data.

Х	3	2	10	4	5	
f	5	3	4	2	6	

Ans X 1. 8.65

× 2. 3.68

√ 3. 4.95

X 4. 6.52

Question ID: 7518975677

Option 1 ID: 75189722707 Option 2 ID: 75189722708 Option 3 ID: 75189722706

Option 4 ID: 75189722705

Status: Answered

Chosen Option: 3

Q.28 The LCM of two numbers is 385 and their HCF is 7. If the sum of the two numbers is 112, then their difference is:

Ans X 1. 50

X 2. 35

√ 3. 42

X 4. 43

Question ID: 7518976256

Option 1 ID: 75189725023

Option 2 ID: 75189725022

Option 3 ID: 75189725021 Option 4 ID: 75189725024

Status : Not Attempted and

Marked For Review

Chosen Option: --

Q.29 The atomic size \_\_\_\_\_ moving from left to right and \_\_\_\_\_ moving from up to down in the periodic table.

Ans

× 1. increases, increases

× 3. decreases, decreases

× 4 increases, decreases

Question ID: 7518973722

Option 1 ID: 75189714888

Option 2 ID: 75189714885

Option 3 ID: 75189714886

Option 4 ID: 75189714887

Status: Answered





Q.30 Which of the following sequences of events occurs during the formation of urine in the human body?

Ans

- ★ 1 Secretion, filtration, reabsorption
- ✓ 2. Filtration, reabsorption, secretion
- X 3. Reabsorption, filtration, secretion, storage
- X 4. Filtration, secretion, reabsorption, secretion

Question ID: 7518974406
Option 1 ID: 75189717623
Option 2 ID: 75189717621
Option 3 ID: 75189717624
Option 4 ID: 75189717622

Status: Marked For Review

Chosen Option: 2

Q.31

In March 2022, who unveiled a new brand 'VIDA' for its emerging mobility solutions and upcoming electric vehicles?

Ans

- ✓ ¹. Hero Motocorp
- Z. Tata Motors
- X 3. Maruti Suzuki
- \* 4. Hyundai Motors

Question ID : **7518973848**Option 1 ID : **75189715392**Option 2 ID : **75189715389**Option 3 ID : **75189715390**Option 4 ID : **75189715391** 

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.32 The material most suitable for making the filament of an incandescent bulb is:

Ans

- ★ 1 tin-lead alloy
- 🔀 3. manganin
- X 4. nichrome

Question ID : **7518975485**Option 1 ID : **75189721939**Option 2 ID : **75189721937**Option 3 ID : **75189721938** 

Option 4 ID : **75189721940** 

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





Q.33 As of March 2022, who is the President of the Indian Olympic Association?

Ans

X 1 Abhay Singh Chautala

X 2. Nita Ambani

X 3. N Ramachandran

4 Narinder Dhruy Batra

Question ID : 7518977144 Option 1 ID : 75189728576 Option 2 ID : 75189728575 Option 3 ID : 75189728574 Option 4 ID : 75189728573

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

Q.34 Which vulgar fraction is equal in value to the mixed recurring decimal 0.3125125125...?

Ans

1. 1783

 $\times$  2.  $\frac{1653}{4995}$ 

 $\times$  3.  $\frac{1967}{4995}$ 

Question ID: 7518976236

Option 1 ID: Option 2 ID: Option 3 ID: Option 4 ID:

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.35 Shaily starts walking from her home and goes 45 m towards the east. She then takes a right turn and walks 85 m. She then turns left and walks 40 m. She then takes a final left turn and walks 85 m to reach an ATM. How far is the ATM from her home? (All turns are 90 degree turns only)

Ans

√ 1. 85 m

× 2. 40 m

X 3. 125 m

× 4. 80 m

Question ID: 7518975256

Option 1 ID: **75189721022**Option 2 ID: **75189721023**Option 3 ID: **75189721024** 

Option 4 ID: 75189721021

Status : Answered





Q.36 Securities sold by the Central Bank with a clear specification of repurchase date and price is called \_

× 1 outright open market operations

× 2. Interest Rate Swap

× 3. repurchase agreement

4. reverse repo

Question ID: 7518977231 Option 1 ID: 75189728924 Option 2 ID: 75189728923 Option 3 ID: 75189728921 Option 4 ID: 75189728922 Status: Answered

Chosen Option: 1

Q.37 Which of the following longitudes is considered as the International Date Line?

Ans

X 1. 0°

X 2. 90° W

X 3. 90° E

√ 4. 180°

Question ID: 7518974257 Option 1 ID: 75189717025 Option 2 ID: 75189717027 Option 3 ID: 75189717026 Option 4 ID: 75189717028

Status: Answered

Chosen Option: 4

Q.38 Which state on 23 December 2021, passed Shakti Criminal Laws?

Ans X 1. Assam

× 2. Kerala

√ 3. Maharashtra

X 4. Karnataka

Question ID: 7518976526 Option 1 ID: 75189726104 Option 2 ID: 75189726101 Option 3 ID: 75189726102

Option 4 ID: 75189726103 Status: Answered



Q.39 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:

Some prizes are caps.

Some caps are medals.

All prizes are masks.

### Conclusions:

I. Some masks are caps.

II. Some masks are medals.

Ans

- ★ 1 Only conclusion II follows
- Neither conclusion I nor II follows
- Mathematical Action Action

Question ID : **7518975171** Option 1 ID : **75189720682** 

Option 2 ID : **75189720684** Option 3 ID : **75189720681** Option 4 ID : **75189720683** 

Status : Answered

Chosen Option: 3

Q.40 Data regarding the sales of the number of shoes of sizes 7, 8 and 9 in five showrooms, A to E, is given in the following stacked bar chart. Study the chart and answer the question.



By approximately what percentage is the sales of shoes of size 8 more than the sales of shoes of size 9 in showroom C?

Ans

X 1. 215%

√ 2. 235%

X 3. 335%

X 4. 225%

Question ID: 7518977427

Option 1 ID : **75189729705** Option 2 ID : **75189729707** 

Option 3 ID : **75189729708** Option 4 ID : **75189729706** 

Status: Answered





Q.41 Which of the following is/are example(s) of exothermic reaction?

- (i) Making of slaked lime
- (ii) Burning of natural gas
- (iii) Respiration

Ans X 1. Both i and ii

✓ 2. All i, ii, iii

X 3. Only ii

× 4. Only i

Question ID: 7518973574
Option 1 ID: 75189714295
Option 2 ID: 75189714296
Option 3 ID: 75189714294

Option 4 ID : **75189714293**Status : **Answered** 

Chosen Option: 2

Q.42 In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	9	200	8	4	÷	Ŧ	6	ş	1	2	=	5	7	3
Code	H	G	K	L	U	Q.	5	U	W	Y	A	C	E	G

## Conditions:

- (i) If the first element is a number and the last, a symbol, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an EVEN number and the last, an ODD number, the first and last elements are to be coded as &.
- (iii) If both the third and the fourth elements are prime numbers, the fourth element is to be coded as the code for the third element and vice-versa.

Question: 2675\$!

Ans X 1 WECSUY

2. WSECUY

X 3. WUYECS

4. WSCEUY

Question ID: **7518977361** Option 1 ID: **75189729444** 

Option 2 ID: **75189729443**Option 3 ID: **75189729442** 

Option 4 ID : **75189729441** 

Status : Answered



Q.43 World Water Day is celebrated on \_\_\_\_\_.

Ans X 1. 26 August

× 2. 15 August

× 3. 8 March

Question ID: 7518974504 Option 1 ID: 75189718016 Option 2 ID: 75189718015 Option 3 ID: 75189718013 Option 4 ID: 75189718014

Status: Answered

Chosen Option: 4

Q.44 A shopkeeper offered successive discounts of 10% and 15% on an article having a marked price of ₹28,000. Find the selling price of the article.

Ans

√ 1. ₹21,420

× 2. ₹21,402

× 3. ₹22,140

× 4. ₹21,240

Question ID: 7518975866 Option 1 ID: 75189723461 Option 2 ID: 75189723464 Option 3 ID: 75189723463 Option 4 ID: 75189723462 Status: Answered

Chosen Option: 1

Q.45 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 Saturday of the same week. None of them have the exam before C and after B. F has the exam just after A and just before D. E has the exam on Tuesday and just before A. Who among the following has the exam on Friday?

Ans X 1. F

√ 2. D

X 3. B

X 4. A

Question ID: 7518977305

Option 1 ID: 75189729217 Option 2 ID: 75189729218 Option 3 ID: 75189729220

Option 4 ID: 75189729219 Status: Answered



Q.46 A sum was invested at a certain rate of simple interest per annum for 2 years. Had it been invested at 2% per annum more than the existing rate, the simple interest accrued in the 2 years would have been ₹240 more. Find the sum invested.

Ans

1. ₹6,000

×2. ₹8,000

× 3. ₹24,000

× 4. ₹16,000

Question ID: 7518975847 Option 1 ID: 75189723387 Option 2 ID: 75189723385 Option 3 ID: 75189723386 Option 4 ID: 75189723388

Status : Answered

Chosen Option : 1

Q.47 Which of the following optical devices can be used to produce a parallel beam of rays from a point source of light?

- (A) Convex lens
- (B) Concave lens
- (C) Concave mirror
- (D) Convex mirror

Ans

1 Both (B) and (C)

✓ 2. Both (A) and (C)

**X** 3. Both (A) and (B)

**X** 4. Both (A) and (D)

Adda

Option 1 ID: 7518975410
Option 1 ID: 75189721639
Option 2 ID: 75189721638
Option 3 ID: 75189721637
Option 4 ID: 75189721640
Not Attempted an

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.48 What approximate value should come in place of the question mark (?) in the following equation?

 $(23.01 + 16.986) \div 2.023 \times 4.05 - 41.999 + 643.999 = ?$ 

Ans

**1.** 682

X 2. 542

X 3. 765

X 4. 745

Question ID : 7518977406 Option 1 ID : 75189729622 Option 2 ID : 75189729621 Option 3 ID : 75189729624 Option 4 ID : 75189729623

Status : Answered





Q.49 The 'Kangra' and 'Kullu' valley is situated in which state of India?

Ans X 1. Uttarakhand

✓ 2. Himachal Pradesh

X 3. Arunachal Pradesh

× 4. Sikkim

Question ID: 7518976492
Option 1 ID: 75189725965
Option 2 ID: 75189725966
Option 3 ID: 75189725968
Option 4 ID: 75189725967
Status: Answered

Chosen Option: 2

Q.50

In February 2022, where was India's most powerful supercomputer Param Pravega launched?

Ans

IISc Bengaluru

IIT Roorkee

X 3. IIT Gandhinagar

★ 4. IIT Ropar

Chosen Option: 3

Q.51 Who is remembered as 'Deshbandhu', who served as the President of the Indian National Congress for one session in 1922 and co-founded the Swaraj Party with Motilal Nehru?

Ans X 1. Gopal Krishna Gokhale

✓ 2. Chittaranjan Das

X 3. Lala Lajpat Rai

Aurobindo Ghosh

Au

Question ID: 7518973995 Option 1 ID: 75189715978 Option 2 ID: 75189715980 Option 3 ID: 75189715977 Option 4 ID: 75189715979

Status : Answered





Q.52 Find the volume of a cuboid whose length is 12 m, breadth is 10 m, and height is 15 m.

Ans

× 1. 1800 m<sup>2</sup>

✓ 2. 1800 m<sup>3</sup>

× 3. 1500 m<sup>3</sup>

× 4. 1500 m<sup>2</sup>

Question ID: 7518975759
Option 1 ID: 75189723034
Option 2 ID: 75189723033
Option 3 ID: 75189723035
Option 4 ID: 75189723036
Status: Answered

Chosen Option: 2

Q.53 The 'Garo', 'Khasi' and 'Jaintia' hills are part of which physical division of India?

Ans

X 1 The Himalayan Mountain

✓ 2. The Peninsular Plateau

3. The Northern Plains

\* 4. The Coastal Plains

Question ID: 7518976493
Option 1 ID: 75189725969
Option 2 ID: 75189725970
Option 3 ID: 75189725971
Option 4 ID: 75189725972
Status: Answered

Chosen Option: 2

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

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

(12, 313, 13)

(7, 50, 1)

Ans

**X** 1. (15, 150, 10)

× 2. (4, 125, 11)

**X** 3. (12, 158, 12)

**4** (9, 90, 3)

Question ID: 7518975082
Option 1 ID: 75189720325
Option 2 ID: 75189720328
Option 3 ID: 75189720326
Option 4 ID: 75189720327
Status: Answered





Q.55 A, B and C started a business with investments in the ratio 20: 15: 12. After 3 months C withdrew half of his investment and after another 9 months, a profit of ₹ 3,23,000 is divided among them. The share of C is:

Ans × 1. ₹1,14,000

√ 2. ₹57,000

×3. ₹1,57,000

**×** 4. ₹1,52,000

Question ID : **7518975837**Option 1 ID : **75189723345**Option 2 ID : **75189723347** 

Option 3 ID : **75189723346**Option 4 ID : **75189723348**Status : **Answered** 

Chosen Option: 2

**Q.56** In triangle ABC, AB = 3 m, BC = 4 m, and AC = 5 m. In triangle PRQ, PR = 4 m, PQ = 5 m, and RQ = 3 m.

Which of the following is a correct order of congruency?

Ans X 1. ▲BAC congruent to ▲RPQ

X 2. ▲CBA congruent to ▲RPQ

X 3. ▲ABC congruent to ▲RPQ

Question ID: 7518975771

Option 1 ID : **75189723081** Option 2 ID : **75189723083** 

Option 3 ID : **75189723084** Option 4 ID : **75189723082** 

Status : Answered

Chosen Option: 3

Q.57 What is the average amount of urine that an adult human produces in 24 hours?

Ans × 1. 1.5-2.5 litres

× 2. 1-1.5 litres

× 3. 1.5-2 litres

√ 4. 1-1.8 litres

Question ID: 7518974404

Option 1 ID: 75189717616

Option 2 ID: 75189717613

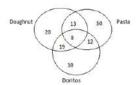
Option 3 ID: **75189717615** 

Option 4 ID: 75189717614

Status : Answered



Q.58 Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons who eat certain foods in breakfast.



How many people eat Pasta but NOT Doughnut?

Ans

X 1. 71

X 2. 50

**√** 3. **62** 

X 4. 79

Question ID: 7518974940

Option 1 ID: **75189719759**Option 2 ID: **75189719758**Option 3 ID: **75189719757** 

Option 4 ID : **75189719760**Status : **Answered** 

Chosen Option : 3

Q.59 What is the full form of UNEP?

Ans

X 1. United Nations Educational Planning

✓ 2. United Nations Environment Programme

X 3. United Nations Educational Programme

X 4. United Nations Environment Planning

Question ID : **7518974469** Option 1 ID : **75189717876** 

Option 2 ID : **75189717874** 

Option 3 ID : **75189717873** 

Option 4 ID: 75189717875

Status : Answered

Chosen Option :  $\boldsymbol{2}$ 

Q.60 An electric device draws a current of 5 A when connected to a 220 V supply. The power of the electric device is:

Ans

1. 1.1 kW

× 2. 0.44 kW

X 3. 110 W

× 4. 440 W

Question ID: 7518975501 Option 1 ID: 75189722002 Option 2 ID: 75189722001 Option 3 ID: 75189722003 Option 4 ID: 75189722004

Status: Answered

Chosen Option: 3

Q.61 The Right to Education in the Indian Constitution was added by introducing a new Article, \_\_\_\_\_, in the Chapter on Fundamental Rights in 2002 by the 86th Constitutional Amendment.

Ans X 1. 19A

X 2. 25A

X 4. 23A

Question ID: 7518974292 Option 1 ID: 75189717165 Option 2 ID: 75189717168 Option 3 ID: 75189717166 Option 4 ID: 75189717167 Status: Answered

Chosen Option: 3

Q.62 Simplify 
$$(a+2b-c)(b-c)+(a-c)2b+b^2$$
.

Ans 
$$\times$$
 1.  $3ab - 5bc - ac - 2abc$ 

$$\times$$
 2.  $2b^2 + 3ab - 4bc + c$ 

$$\sqrt[3]{3b^2+c^2+3ab-5bc-ac}$$

$$\times$$
 4.  $3b^2 + 3ab - 5bc - ac$ 

Question ID: 7518975691 Option 1 ID: 75189722764 Option 2 ID: 75189722762

Option 3 ID: 75189722763 Option 4 ID: 75189722761

Status : Not Attempted and Marked For Review





Q.63 Which of the following numbers will replace the question mark (?) in the given series?

5, 24, 46, 74, 111, 160, 224, ?

Ans X 1. 305

× 2. 350

X 3. 360

4. 306

Question ID: 7518977387

Option 1 ID: 75189729547 Option 2 ID: 75189729548

Option 3 ID: 75189729546 Option 4 ID: 75189729545

Status: Answered

Chosen Option: 1

Q.64 Identify the correct statement(s) from among the following.

(a) The direction of magnetic field at a point can be found by placing a magnetic compass at that point.

(b) A freely suspended magnetic needle points in north-east direction.

(c) The magnetic field lines are denser near the poles of a magnet.

(d) Two magnetic field lines can intersect at a given point.

Ans

✓ 1. Both (a) and (c)

**X** 2. Both (a) and (b)

**X** 3. Both (b) and (c)

**X** 4. Both (a) and (d)

Question ID: 7518975511 Option 1 ID: 75189722042

Option 2 ID: 75189722041

Option 3 ID: 75189722043 Option 4 ID: 75189722044

Status: Not Answered





Q.65 Consider the below statements and identify the correct answer.

Statement I: Graphite is bad conductors of electricity.

Statement II: In graphite, each carbon atom is bonded to three other carbon atoms in the same plane giving a hexagonal

Ans

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

Question ID: 7518973555 Option 1 ID: 75189714218 Option 2 ID: 75189714217

Option 3 ID: 75189714220 Option 4 ID: 75189714219 Status: Answered

Chosen Option: 1

Q.66 Which of the following is not the use of washing soda?

- Manufacture of glass, soap and paper (i)
- As a cleaning agent for domestic purposes (ii)
- For removing permanent hardness of water (iii)
- Baking cake (iv)

Ans X 1. ii

X 2. iii

X 3. i

Question ID: 7518973662

Option 1 ID: 75189714646 Option 2 ID: 75189714647

Option 3 ID: 75189714645

Option 4 ID: 75189714648 Status: Answered





Q.67 According to Centre for Monitoring Indian Economy (CMIE), which state recorded the highest unemployment rate in

Ans X 1. Kerala

X 2. Goa

× 3. Gujarat

4. Haryana

Question ID: 7518976482 Option 1 ID: 75189725927 Option 2 ID: 75189725926 Option 3 ID: 75189725925 Option 4 ID: 75189725928

Status : Answered

Chosen Option: 4

Q.68 Which of the following educational Institutes won the Rashtriya Khel Protsahan Puruskar 2021 in the category 'Identification and Nurturing of Budding and Young Talent'?

Ans 🖋 1. Manay Rachna Educational Institution

Lingayas Institute of Management and Technology

✗ 3. Indian Institute of Technology

Maharashtra Institute of Technology

Question ID : 7518976502
Option 1 ID : 75189726006
Option 2 ID : 75189726007
Option 3 ID : 75189726005
Option 4 ID : 75189726008
Status : Not Answered

Chosen Option: --

Q.69 Which state is famous for celebrating the Pongal festival?

Ans X 1. Odisha

× 2. Tripura

√ 3. Tamil Nadu

★ 4 Telangana

Question ID: 7518977187 Option 1 ID: 75189728747 Option 2 ID: 75189728746 Option 3 ID: 75189728745 Option 4 ID: 75189728748

Status : Answered





Q.70 A decision is given followed by two statements I and II. Read all the information carefully and select the correct option.

Company K has a wide chain of grocery stores and sweet shops across all cities and even villages of Country M. The CEO of Company K has decided to discontinue cash payments completely from next month onwards.

I. As per the reports of the last 3 years, around 24% of payments each month were through cash.

II. 35% of the population of Country M is either illiterate or does not have access to bank accounts.

Ans

X 1 Both statements I and II strengthen the decision

✓ 2. Both statements I and II weaken the decision

Statement I is a neutral statement and II weakens the decision

Statement I weakens the decision and statement II is a neutral statement

Question ID: 7518976758 Option 1 ID: 75189727029 Option 2 ID: **75189727031** Option 3 ID: 75189727032 Option 4 ID: 75189727030 Status: Answered

Chosen Option: 3

Q.71 The Sarpanch or the president of the Gram Panchayat is elected by the ward members as per the State Act for a period \_\_\_\_\_ years.

Ans X 1. 1

X 2. 2

X 3. 3

**√** 4. **5** 

Question ID: 7518974112

Option 1 ID: 75189716448

Option 2 ID: 75189716447

Option 3 ID: 75189716446

Option 4 ID: 75189716445

Status: Answered





Q.72 Which of the following numbers will replace the question mark (?) in the given series?

25, 29, 38, 54, 79,?

Ans 🗳 1. 115

X 2. 120

X 3. 96

× 4. 110

Question ID: 7518975282

Option 1 ID: 75189721127 Option 2 ID: 75189721128 Option 3 ID: 75189721125

Option 4 ID: 75189721126 Status: Answered

Chosen Option: 1

Q.73 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4681342, what will be difference between the highest and lowest digits thus formed?

Ans 🔀 1. 4

√ 2. 6

X 3. 5

X 4. 2

Question ID: 7518975102

Option 1 ID: 75189720406 Option 2 ID: 75189720408 Option 3 ID: 75189720407

Option 4 ID: 75189720405

Status: Answered

Chosen Option: 1

Q.74 Rays coming from the sun are refracted by the atmosphere. Due to this, the apparent sunrise is about

Ans X 1. 1 minute before

√ 2. 2 minutes before

× 3. 2 minutes after

X 4. 1 minute after

Question ID: 7518976659

Option 1 ID: 75189726636 Option 2 ID: 75189726634 Option 3 ID: 75189726633

Option 4 ID: 75189726635

Status: Answered

Q.75 Study the given number, symbol series and answer the question that follows.

8@4\*7^53#91<57@4\$#2\*6!4&9<6

How many such numbers are there which are immediately preceded by a symbol and immediately followed by an odd number?

Ans

Question ID: 7518974810
Option 1 ID: 75189719238
Option 2 ID: 75189719240
Option 3 ID: 75189719237
Option 4 ID: 75189719239

Status : Answered

Chosen Option : 1

Q.76 The roots of quadratic equation that satisfies  $12 x^2 = 27x$  are:

Ans

$$\times$$
 1. 0,  $\frac{3}{4}$ 

$$\times$$
 2. 1,  $\frac{4}{3}$ 

$$\times$$
 3. 1,  $\frac{3}{4}$ 

$$\checkmark$$
 4.  $0, \frac{9}{4}$ 



Q.77 Reaction conditions are indicated at which place in the chemical equation?

Ans X 1. In the beginning of the equation

× 2. Only above the arrow

× 4. Only below the arrow

Question ID : 7518973565
Option 1 ID : 75189714260
Option 2 ID : 75189714257
Option 3 ID : 75189714259
Option 4 ID : 75189714258
Status : Answered



Q.78 An object is placed in front of a convex mirror at a point between infinity and the pole of the mirror. The image formed

Ans X 1 virtual and inverted

X 2. real and inverted

× 4 real and erect

Question ID: 7518976572
Option 1 ID: 75189726288
Option 2 ID: 75189726286
Option 3 ID: 75189726287
Option 4 ID: 75189726285

Status: Not Answered

Chosen Option: --

Q.79 Two pipes A and B can fill the tank in 5 hours and 8 hours, respectively. Pipe C can empty the same tank in 10 hours. Find the time taken to fill the empty tank when all the pipes are opened simultaneously.

Ans

$$\times$$
 1.  $4\frac{7}{9}$  hours

$$✓$$
 2.  $4\frac{4}{9}$  hours

$$\times$$
 3.  $4\frac{5}{9}$  hours

$$\times$$
 4.  $4\frac{2}{9}$  hours







Q.80 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the

Statement:  $U \le W = V \le Y \ge I \ge F \ge N$ 

Conclusions:

I. Y > U

 $II. N \le I$ 

Ans

- ✗ 1. Only conclusion II is true
- ✓ 2. Both conclusions I and II are true
- Neither conclusion I nor II is true
- ★ 4 Only conclusion I is true

Question ID : **7518974955**Option 1 ID : **75189719818** 

Option 2 ID : **75189719819**Option 3 ID : **75189719820**Option 4 ID : **75189719817** 

Status : Answered

Chosen Option: 2

Q.81 What day of the week was 1 January 2009, if 1 January 2006 was a Sunday?

Ans

- ★ 1. Wednesday
- × 2. Saturday
- × 4 Friday

Chosen Option: 3

- Q.82 Sam steps out from his house and walks 160 m towards the east. He then takes a right turn and walks 50 m. He then turns right and walks 70 m. He then turns left and walks 35 m. He then turns right and walks 90 m to reach a gift shop. How far and in which direction is the gift shop from Sam's house? (All turns are 90 degree turns only)
- Δns
- × 1. 85 m, North
- × 2. 120 m, South
- × 4. 120 m, North

Question ID : **7518975048**Option 1 ID : **75189720190** 

Option 2 ID : **75189720191** Option 3 ID : **75189720189** 

Option 4 ID : **75189720192** 

Status : Answered





Q.83 Six friends scored different marks in their annual psychology examination. Q scored more than exactly four friends. M scored more than exactly three friends. Both P and N scored more than T. Y scored the least marks. N is not the top scorer. Who scored the highest marks?

Ans

X 1. M

X 2. Q

X 3. T

√ 4. P

Question ID : **7518974777**Option 1 ID : **75189719106**Option 2 ID : **75189719107**Option 3 ID : **75189719105** 

Option 4 ID : **75189719108**Status : **Answered** 

Chosen Option: 4

Q.84 For the following data, find the weighted mean.

X; 4 3 .

W<sub>i</sub> 1 0 2 1 3

Ans 🗸 1. 2.66

× 2. 7.5

X 3. 5.6

X 4. 8

Question ID: 7518975671

Option 1 ID: **75189722682** Option 2 ID: **75189722684** Option 3 ID: **75189722681** 

Option 4 ID : **75189722683** 

Status : Answered

Chosen Option: 1

Q.85 Chandra is 10 years younger than Chandrika. 5 years later Chandrika will be twice as old as Chandra. Find Chandrika's present age.

Ans

× 1. 20 years

× 2. 10 years

× 4. 25 years

Question ID: 7518975935

Option 1 ID : **75189723739** Option 2 ID : **75189723737** 

Option 3 ID : **75189723738** Option 4 ID : **75189723740** 

Status : **Answered** 



What is the nature of the roots of  $3x^2 - 6x + 5 = 0$ ?

Ans X 1. The roots are real and equal.

X 2. The roots are real and more than 2.

X 3. The roots are real and distinct.

✓ 4. There are no real roots.

Question ID: 7518975953 Option 1 ID: 75189723809 Option 2 ID: 75189723811 Option 3 ID: 75189723810 Option 4 ID: 75189723812 Status: Not Answered

Chosen Option: --

Q.87 A parallelogram has one parallel side length of 12 cm and perpendicular distance between its base and other parallel side is 8 cm. Its area is \_

Ans

✓ 1. 96 cm<sup>2</sup>

× 2. 192 cm<sup>2</sup>

× 3. 48 cm<sup>2</sup>

× 4. 24 cm<sup>2</sup>

Question ID: 7518976207 Option 1 ID: 75189724825 Option 2 ID: 75189724828 Option 3 ID: 75189724826 Option 4 ID: 75189724827 Status: Answered

Chosen Option: 1

Q.88 Which of the following is the correct set of raw materials for washing soda preparation?

X 1. NaCl, NH3

× 2. NaCl, CO<sub>2</sub>

X 3. NaCl and H2O

Question ID: 7518973667 Option 1 ID: 75189714667 Option 2 ID: 75189714666 Option 3 ID: 75189714668 Option 4 ID: 75189714665 Status: Answered





Q.89 Find the mean proportional between 17 and 68.

Ans × 1. 46

X 2. 42

√ 3. 34

X 4. 38

Question ID: 7518976058 Option 1 ID: 75189724232 Option 2 ID: 75189724231 Option 3 ID: 75189724229 Option 4 ID: 75189724230

Status : Answered

Chosen Option: 3

Q.90 Eight boxes, P, Q, R, S, T, U, V and W, are kept one over the other, but not necessarily in the same order. V is fourth from the top and immediately below R. W is kept at the topmost position and immediately above P. Only one box is there between S and T. T is kept below S, and U is kept above Q. How many boxes are there between T and Q?

Ans

√ 1. None

X 2. Two

X 3. Three

X 4. One

Question ID: 7518977310 Option 1 ID: 75189729239 Option 2 ID: 75189729237 Option 3 ID: 75189729240 Option 4 ID: 75189729238 Status: Answered

Chosen Option: 1

Which of the following sexually transmitted diseases is transmitted by a virus?

X 1. Gonorrhoea

X 2. Cold

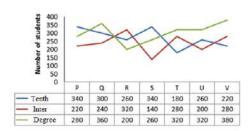
X 3. Syphilis

Question ID: 7518974416 Option 1 ID: 75189717664 Option 2 ID: 75189717661 Option 3 ID: 75189717663 Option 4 ID: 75189717662

Status: Answered



Q.92 The following line graph shows the educational qualifications of students (Tenth, Intermediate [Inter] and Degree) of seven districts, P, Q, R, S, T, U and V, of a state. Study the graph and answer the question.



What is the difference between the total number of students with Tenth qualification from all the districts together and the total number of students with Degree qualification from all the districts together?

Ans

X 1. 230

X 2. 210

√ 3. 220

× 4. 240

Question ID: 7518977426

Option 1 ID : **75189729701** Option 2 ID : **75189729704** 

Option 3 ID : **75189729703** Option 4 ID : **75189729702** 

Status : Answered

Chosen Option: 3

Q.93 The least number which, when diminished by 7, is divisible by 12, 16, 18 and 21 is:

Ans

X 1. 1150

× 2. 1051

√ 3. 1015

**×** 4. 1105

Question ID: 7518975822

Option 1 ID: 75189723285

Option 2 ID: **75189723286** 

Option 3 ID: **75189723288** 

Option 4 ID : **75189723287** Status : **Answered** 



Q.94 Which of the following apps has been launched to make the Indian Parliament proceedings accessible to the public at large in January 2022?

Ans

- ✓ 1 Digital Sansad
- X 2. Online Sansad Karyawahi
- X 3. Sansad Dekho Live
- X 4. Sansad Yojana

Question ID : 7518974140
Option 1 ID : 75189716557
Option 2 ID : 75189716559
Option 3 ID : 75189716558
Option 4 ID : 75189716560
Status : Answered

Chosen Option : 1

Q.95 Which option correctly shows the path that the sperms take when they are released from the human male reproductive system?

Ans

- ★ 1 Testis → Ureter → Urethra → Penis
- × 2. Testis → Vas deferens → Ureter → Penis
- $\checkmark$  3. Testis → Vas deferens → Urethra → Penis
- X 4. Testis → Ureter → Vas deferens → Penis

Question ID: 7518974617 Option 1 ID: 75189718465 Option 2 ID: 75189718466 Option 3 ID: 75189718468 Option 4 ID: 75189718467 Status: Answered

Chosen Option: 3

Q.96

Find the value of  $\frac{\sqrt{729}}{15} \times \frac{25}{\sqrt{81}} \times \frac{15}{\sqrt{225}}$ 

Ans

- √ 1. 5
- X 2. 2
- X 3. 4
- X 4. 3

Question ID : **7518976014** Option 1 ID : **75189724056** 

Option 2 ID: **75189724055**Option 3 ID: **75189724053**Option 4 ID: **75189724054** 

Status : Answered





Q.97 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

RBM 7, NXI 11, JTE 13, FPA 17, BLW 19, ?

Ans X 1. XSO 21

X 2. XOS 21

X 4. FHA 23

Question ID: 7518977338

Option 1 ID: 75189729349 Option 2 ID: 75189729350

Option 3 ID: 75189729352 Option 4 ID: 75189729351

Status: Answered

Chosen Option: 3

Q.98 What approximate value should come in place of the question mark (?) in the following equation?

126.012 × 14.987 - 603.045 = ? + 261.987

Ans X 1. 845

× 2. 1235

X 3. 875

4. 1025

Question ID: 7518977405

Option 1 ID: 75189729618

Option 2 ID: **75189729620** 

Option 3 ID: 75189729617 Option 4 ID: 75189729619

Status: Answered

Chosen Option: 4

Q.99 In a certain code language, NATURE is written as 'QYWSUC' and 'REASON' is written as 'UCDQRL'. How will 'LOTION' be written in that language?

Ans

✓ 1. OMWGRL

× 2. OLWFRK

X 3. NMVGQL

X 4. MNGVLQ

Question ID: 7518977356

Option 1 ID: 75189729424

Option 2 ID: **75189729423** 

Option 3 ID: 75189729422

Option 4 ID: 75189729421

Status: Answered





**Q.100** In  $\triangle$  PQR,  $\angle$  PQR = 90°, m( $\overline{PQ}$ ) = 3 cm and m( $\overline{PR}$ ) = 6 cm. What is the measure of  $\angle$  PRQ?

Ans  $\times 1.60^{\circ}$ 

× 2. 45°

× 3. 70°

√ 4. 30<sup>0</sup>

Question ID: 7518975996

Option 1 ID: 75189723983

Option 2 ID: 75189723982

Option 3 ID: 75189723984

Option 4 ID: **75189723981** Status : Answered

Chosen Option: 4

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