





## 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 Mathura Road
Test Date	19/09/2022
Test Time	9:00 AM - 10:30 AM
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 If in the word 'BOARD' all the letters are arranged in alphabetical order from left to right, then the position of how many letters will be remain unchanged?

Ans X 1. Four

× 2. One

√ 3. None

X 4. Three

Question ID: 7518978987 Option 1 ID: 75189735948 Option 2 ID: 75189735945

Option 3 ID: 75189735946 Option 4 ID: 75189735947 Status : Answered

Chosen Option: 3

Q.2 Pallavi starts walking towards the north and after covering a distance, she turns to the right, then again to the right and after covering some more distance, she again turns to the right. Now, in which direction is she facing? (All turns are 90 degree turns only)

Ans X 1. East

X 2. South

X 4. North

Question ID: 75189711583

Option 1 ID: 75189746332 Option 2 ID: 75189746329 Option 3 ID: 75189746331

Option 4 ID: 75189746330

Status: Answered

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Q.3 Which of the following is a heterotrophic organism?

Ans

X 1. Algae

× 2. Grass

X 3. Neem tree

4. Tiger

Question ID: 75189710147 Option 1 ID: 75189740588 Option 2 ID: 75189740587

Option 3 ID : **75189740586**Option 4 ID : **75189740585**Status : **Answered** 

Chosen Option: 4

Q.4 If a pin is placed in front of the converging lens at a distance of 20 cm, the converging lens forms an image that is real, inverted and equal to the size of the object. Then the power of the lens is:

Ans

**X** 1. −10 D

X 2. +5D

**×** 4. −5D

Question ID : **75189712205** Option 1 ID : **75189748818** 

Option 2 ID : **75189748820** Option 3 ID : **75189748817** Option 4 ID : **75189748819** 

Status : Answered

Chosen Option: 3

Q.5 Which of the following numbers will replace the question mark (?) in the given series?

13 17 20 22

Ans × 1. 24

× 2. 22

✓ 3. 23✗ 4. 25

Question ID: 75189711673

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

Status : Answered

Q.6 Factorise  $(64x^6 - y^6)$ .

Ans

$$\times$$
 1.  $(2x-y)(2x+y)(4x^2-2xy+y^2)(4x^2-2xy-y^2)$ 

$$\checkmark$$
 2.  $(2x - y)(2x + y)(4x^2 + 2xy + y^2)(4x^2 - 2xy + y^2)$ 

$$\times$$
 3.  $(2x-y)(2x+y)(4x^2+2xy+y^2)(4x^2-2xy-y^2)$ 

$$\times$$
 4.  $(2x-y)(2x+y)(4x^2+2xy-y^2)(4x^2-2xy+y^2)$ 

Question ID: 75189711204 Option 1 ID: 75189744815 Option 2 ID: 75189744813 Option 3 ID: 75189744814 Option 4 ID: 75189744816 Status: Answered

Chosen Option: 3

Q.7 Which of the following compounds gets precipitated when lead nitrate solution is mixed with sodium iodide solution?

Ans

X 1. Lead nitrite

X 2. Sodium nitrate

X 3. Sodium nitrite

✓ 4. Lead iodide

Question ID: 75189711877
Option 1 ID: 75189747507
Option 2 ID: 75189747508
Option 3 ID: 75189747505
Option 4 ID: 75189747506
Status: Answered

Chosen Option : 4

Q.8 The Government of India, on January 2022, approved the Production Linked Incentive (PLI) Scheme National Programme on Advanced Chemistry Cell (ACC) Battery Storage with a budgetary outlay of \_\_\_\_\_\_.

Ans

× 1. ₹19,100 crore

× 2. ₹21,100 crore

× 3. ₹20,100 crore

Question ID : **75189710411** Option 1 ID : **75189741644** 

Option 2 ID : **75189741641** Option 3 ID : **75189741642** 

Option 4 ID : **75189741643**Status : **Not Answered** 

Chosen Option : --

Q.9 In this question, a group of letters is coded using symbols as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Letters	D	T	V	0	I	A	P	E
Codes	@	>	٨	%	=	#	S	+

#### Conditions:

i. If both the first and the last letters of the word are vowels, then both these letters will be coded as '&'.

ii. If both the first and the last letters of the word are consonants, then both these letters will be coded as '\*'.

What will be the code for the word 'ADOPTIVE'?

Ans

Question ID: 75189710878 Option 1 ID: 75189743512 Option 2 ID: 75189743511 Option 3 ID: 75189743509

Option 4 ID : **75189743510**Status : **Answered** 

Chosen Option : 1

Q.10 Which of the following pairs of numbers are co-prime?

Ans

Question ID: 75189712012

Option 1 ID: 75189748048

Option 2 ID: 75189748046

Option 3 ID: 75189748047

Option 4 ID: **75189748045** 

Status: Answered





Q.11 In a queue, Rahul is 21st from the front end and Ankit is 10th from the rear end, and there are 4 people between them. How many people are there in the queue if Ankit is standing somewhere behind Rahul in the queue?

Ans X 1. 36

X 2. 38 **√** 3. **35** 

X 4. 37

Question ID: 75189711439

Option 1 ID: 75189745754 Option 2 ID: 75189745756 Option 3 ID: **75189745753** 

Option 4 ID: 75189745755 Status: Answered

Chosen Option: 3

Q.12 Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

25:4::49:6::9:2::100:?

Ans

1. 9

X 2. 6

X 3. 4

X 4. 7

Question ID: 75189711075

Option 1 ID: 75189744297 Option 2 ID: 75189744298 Option 3 ID: 75189744299

Option 4 ID: 75189744300 Status: Answered

Chosen Option: 1

Q.13 Ferrous sulphate on heating gives a solid product and two different gases. Select the gases evolved during the reaction.

- ★ 1. Sulphur trioxide and oxygen
- ★ 2. Oxygen and disulphur
- X 4 Sulphur dioxide and oxygen

Question ID: 75189711868

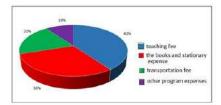
Option 1 ID: 75189747470 Option 2 ID: 75189747472

Option 3 ID: 75189747469

Option 4 ID: 75189747471 Status: Answered



Q.14 The percentage expenditure of a school is shown in the following pie-chart. Blue represents the teaching fee, red represents the books and stationary expense, green represents transportation fee, and purple represents other program expenses. Study the pie-chart and answer the question.



The total income is ₹27,00,000. What is the amount spent on teaching fee and transportation fee if the total school expense is one-third of the total income?

Ans

- 1. ₹5,40,000
- × 2. ₹7,50,000
- × 3. ₹4,30,000
- **×** 4. ₹9,00,000

Question ID : **75189711252** Option 1 ID : **75189745008** 

Option 2 ID : **75189745007** Option 3 ID : **75189745006** Option 4 ID : **75189745005** 

Status : Answered

Chosen Option: 1

Q.15 Three statements are given, followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

#### Statements:

All sachets are bags.

Some bags are clocks.

No clock is a toaster.

#### Conclusions:

- I. Some toasters are clocks.
- II. No sachet is a toaster.
- III. Some bags are sachets.

Ans

- ✓ 1. Only conclusion III follows.
- 2. Only conclusions I and II follow.
- 3. Only conclusions II and III follow.
- X 4. Only conclusion I follows.

Question ID: 75189711477

Option 1 ID: 75189745908

Option 2 ID: 75189745905

Option 3 ID: 75189745906

Option 4 ID: 75189745907

Status : Answered





Q.16 Two adjacent angles of a parallelogram are such that one is two-thirds the other. Find the measure of the smaller angle.

Ans X 1. 18°

√ 2. 72°

X 3. 36°

× 4. 108°

Question ID: 75189712101 Option 1 ID: 75189748401 Option 2 ID: 75189748403 Option 3 ID: 75189748404 Option 4 ID: **75189748402** 

Status: Answered

Chosen Option: 2

Q.17 Carbon shows greater tendency for catenation than silicon.

Which of the following statements is the correct explanation for the given assertion?

Ans X 1.

Carbon-carbon bond is weaker than Si-Si bond due to the smaller size of carbon as compared to silicon.

Carbon-carbon bond is weaker than Si-Si bond due to the larger size of carbon as compared to silicon.

Carbon-carbon bond is stronger than Si-Si bond due to the larger size of carbon as compared to silicon.

Carbon-carbon bond is stronger than Si-Si bond due to the smaller size of carbon as compared to silicon.

Question ID: 75189711851 Option 1 ID: 75189747401 Option 2 ID: 75189747404 Option 3 ID: 75189747403 Option 4 ID: 75189747402 Status: Answered

Chosen Option: 4

Q.18 A 10 Ω resistor is connected across a battery. The heat produced in the resistor in 5 seconds is 200 J. The potential difference across the resistor is:

Ans X 1. 40 V

X 2. 30 V

√ 3. 20 V

X 4. 10 V

Question ID: 75189711345

Option 1 ID: 75189745380 Option 2 ID: 75189745379 Option 3 ID: 75189745378

Option 4 ID: 75189745377 Status: Answered





Q.19 The price of a laptop in a shop is decreased by 35%, as a result of which the sales increased by 20%. What is the effect on the total revenue of the shop from the sale of laptops?

Ans X 1 10% increase

✓ 2. 22% decrease

X 3. 10% decrease

× 4. 18% increase

Question ID: 75189711957 Option 1 ID: 75189747827 Option 2 ID: 75189747826

Option 3 ID: 75189747825 Option 4 ID: 75189747828 Status : Answered

Chosen Option: 2

Q.20

At which of these places is the thickness of the troposphere the greatest?

Ans

★ 1. Above Mountains

X 2. South Pole

× 3. North Pole

✓ 4. Equator

Question ID: 7518973890 Option 1 ID: 75189715560

Option 2 ID: 75189715557

Option 3 ID: 75189715559 Option 4 ID: 75189715558

Status: Not Answered



Q.21 Which of the following is INCORRECT regarding the flow of energy between various components of the environment?

Ans X 1.

Every trophic level loses some energy as heat to the environment.



Green plants capture about 10% of the solar energy that falls on leaves.

The amount of organic matter present at each trophic level is 10%.

X 4. Energy flow is unidirectional.

Question ID: 7518974662 Option 1 ID: 75189718648 Option 2 ID: 75189718645 Option 3 ID: 75189718646 Option 4 ID: 75189718647 Status: Not Answered

Chosen Option: --

Q.22 If the ratio of the areas of two squares is 2: 3, then the ratio of the perimeters of these two squares, in the order mentioned, is

Ans

 $\times$  1.  $\sqrt{2}:3$ 

X 2. 4:9

 $\times$  3. 2:  $\sqrt{3}$ 

√ 4. √2:√3

Question ID: 75189711981

Option 1 ID: 75189747922 Option 2 ID: 75189747921

Option 3 ID: 75189747923 Option 4 ID: 75189747924

Status: Answered

Chosen Option: 4

### Which of the following statements is INCORRECT about AIDS?

Ans



The virus can pass on to a normal person from an infected person by sharing the syringes used for injecting drugs.



The virus can be transmitted through sexual contact with a person infected with HIV.



The virus can be transmitted to an infant from the infected mother through her milk.



The virus can be transmitted by shaking hands with a person infected with HIV.

Question ID: 75189710221 Option 1 ID: 75189740881 Option 2 ID: 75189740883 Option 3 ID: 75189740882

Option 4 ID: 75189740884 Status: Not Answered





Q.24 Anand bought a car for ₹8,00,000 and sold it a profit of 5% to Dhiraj. Dhiraj sold it at a loss of 4% to Anil. What is the amount paid by Anil for the car?

Ans × 1. ₹8,60,000

√ 2. ₹8,06,400

× 3. ₹8,40,000

× 4. ₹8,73,600

Question ID: 75189712036 Option 1 ID: 75189748143 Option 2 ID: 75189748141 Option 3 ID: 75189748142 Option 4 ID: 75189748144

Status: Answered

Chosen Option: 2

Q.25 The position of how many letters will remain unchanged if each of the letters in the word 'SHIRT' is arranged in alphabetical order?

Ans

X 1. Two

× 2. Three

X 3. Four

✓ 4. One

Question ID: 75189711528 Option 1 ID: 75189746110 Option 2 ID: 75189746111 Option 3 ID: 75189746112 Option 4 ID: 75189746109 Status: Answered

Chosen Option: 4

Q.26 In a queue, Mahima is 28th from the front end and Anshul is 22th from the rear end, and there are 5 people between them. How many people are there in the queue if Anshul is standing somewhere behind Mahima in the queue?

Ans

**1.** 55

X 2. 53

X 3. 54

X 4. 56

Question ID: 75189711442 Option 1 ID: 75189745767 Option 2 ID: 75189745765 Option 3 ID: 75189745766

Option 4 ID: 75189745768 Status: Answered



Q.27

The value of  $\frac{\sin(90^{\circ}-\theta)\cos(90^{\circ}-\theta)\cot(90^{\circ}-\theta)}{\cos^{2}\theta-1}$  is \_\_\_\_\_.

Ans  $\times$  1. tan  $\theta$ 

X 2. 0

**√** 3. **−1** 

× 4. 2sinθcosθ

Question ID: 75189711995

Option 1 ID: 75189747980 Option 2 ID: 75189747979 Option 3 ID: 75189747978

Option 4 ID: 75189747977 Status: Answered

Chosen Option: 3

Who among the following is popularly known as 'Waterman of India'?

Ans

X 1. Dr. Arun Krishnsnan

✓ 2. Dr. Rajendra Singh

X 3. Dr. Hiralal Chaudhuri

X 4. Dr. MS Swaminathan

Question ID: 75189710303

Option 1 ID: 75189741212 Option 2 ID: 75189741211 Option 3 ID: 75189741210

Option 4 ID: 75189741209 Status: Not Answered

Chosen Option: --

Q.29 What happens during menstruation?

Ans

✓ 1. The uterine lining is shed.

× 2. There is failure of fertilisation of the ovum

× 3. The wall of the uterus becomes vascular

X 4. A mature egg is released from an ovary

Question ID: 75189710108

Option 1 ID: 75189740432 Option 2 ID: 75189740431

Option 3 ID: 75189740430 Option 4 ID: 75189740429

Status: Answered

Q.30 In an electrical circuit four identical bulbs are connected in parallel to each other to a battery of 10 V (negligible internal resistance). When all the four bulbs glow, a current of 4 A is recorded. Then the power dissipated in the circuit and the resistance of each bulb are \_\_\_\_\_ and \_\_\_\_\_, respectively.

Ans

× 1. 22.4 W, 1.4 Ω

 $\checkmark$  2. 25.6 W, 1.6 Ω

× 3. 27.2 W, 1.7 Ω

× 4. 24 W, 1.5 Ω

Question ID: 75189712223 Option 1 ID: 75189748889 Option 2 ID: 75189748891 Option 3 ID: 75189748892 Option 4 ID: 75189748890 Status: Not Answered

Chosen Option: --

Q.31 Dipika Pallikal and Joshna Chinappa won the doubles title at the World Championships in which sport on 9 April 2022?

X 1. Badminton

X 2. Table Tennis

🖋 3. Squash

X 4. Lawn tennis

Question ID: 75189712115 Option 1 ID: 75189748457 Option 2 ID: 75189748458 Option 3 ID: 75189748459 Option 4 ID: 75189748460 Status: Not Answered

Chosen Option: --

Q.32 Simplify the given expression.

$$11 - \{7 - 56 \div (2 \times 3 + 1)\}$$

Ans 🔀 1. 9

X 2. 11

X 3. 10

√ 4. 12

Question ID: 75189711379 Option 1 ID: 75189745516 Option 2 ID: 75189745514 Option 3 ID: 75189745515 Option 4 ID: 75189745513

Status: Answered



Q.33 On entering Amrit Kaal, the 25 year long lead up to India @100, the Union Budget 2022-23 provides impetus for growth along \_\_\_\_\_\_ priorities.

Ans

X 1. Three

X 2. Six

X 4. Two

Question ID: 7518977499
Option 1 ID: 75189729994
Option 2 ID: 75189729995
Option 3 ID: 75189729996
Option 4 ID: 75189729993
Status: Not Answered

Chosen Option : --

Q.34 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)

3:25::8:100::12:?

Ans

√ 1. 196

**X** 2. 144

X 3. 169

X 4. 225

Question ID : **75189711619** Option 1 ID : **75189746476** 

Option 2 ID : **75189746473** Option 3 ID : **75189746474** 

Option 4 ID : **75189746475** Status : **Not Answered** 

Chosen Option : --

Q.35 1 commercial unit of electrical energy is equal to \_\_\_\_\_joules.

Ans

 $\times$  1. 3.6  $\times$  10<sup>7</sup>

 $\times$  2. 3.6  $\times$  10<sup>8</sup>

 $\times$  3. 3.6  $\times$  10<sup>5</sup>

 $\checkmark$  4. 3.6 × 10<sup>6</sup>

Question ID: 75189711340

Option 1 ID : **75189745358** Option 2 ID : **75189745357** 

Option 3 ID : **75189745360** 

Option 4 ID : **75189745359** Status : **Answered** 





Q.36 Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement

Education is the backbone of human society.

#### Arguments:

- I. Schools are learning centres of societal norms and regulations.
- II. Any society with less concern about education, cannot grow and develop in present times.

Ans

- 1 II weakens while I strengthens the statement.
- ✓ 2. Both I and II strengthen the statement.
- 3. I weakens while II strengthens the statement.
- X 4. Both I and II weaken the statement.

Question ID: 75189711128
Option 1 ID: 75189744510
Option 2 ID: 75189744512
Option 3 ID: 75189744509
Option 4 ID: 75189744511
Status: Answered

Chosen Option : 2

Q.37 Suppose a proton moves towards the east by entering a uniform magnetic field in the downward direction. The direction of the force acting on the proton will be:

Ans

- × 1 towards the west
- × 2 towards the east
- × 3. towards the south
- √ 4. towards the north

Adda

Question ID: 75189711367 Option 1 ID: 75189745466 Option 2 ID: 75189745465 Option 3 ID: 75189745468 Option 4 ID: 75189745467

Status : Answered

Chosen Option: 3

Q.38 In the reference of Constitution of India, who was the elected president of the Constituent Assembly from following?

Ans

- 1 Dr. BR Ambedkar
- 2. Dr. Rajendra Prasad
- X 3. Lal Bahadur Shastri
- ¾ 4. Jawahar Lal Nehru

Question ID: **75189710488**Option 1 ID: **75189741950**Option 2 ID: **75189741949** 

Option 3 ID : **75189741951** Option 4 ID : **75189741952** 

Status : Answered





Q.39 Seven toy cars and five toy bikes together cost ₹600. Five toy cars and three toy bikes together cost ₹400. The cost of each toy car is:

Ans × 1. ₹150

× 2. ₹200

**⊘** 3. ₹50

× 4. ₹100

Question ID: 7518978744 Option 1 ID: 75189734974 Option 2 ID: 75189734973 Option 3 ID: 75189734976

Option 4 ID: 75189734975 Status: Answered

Chosen Option: 3

Q.40 Each of six friends has a different height. Anant is taller than Gagan. Manoj is shorter than Janak. Parth is taller than Janak but shorter than Gagan. If Amurag is the shortest, then who is the tallest among them?

Ans X 1. Parth

× 2. Janak

× 3. Manoj

4. Anant

Question ID: 75189711509 Option 1 ID: 75189746033 Option 2 ID: 75189746035 Option 3 ID: 75189746036 Option 4 ID: 75189746034

Status : Answered

Chosen Option: 4

Q.41 Which of the following elements is a metal?

Ans X 1. Neon

✓ 2. Sodium

X 3. Bromine

X 4. Germanium

Question ID: 75189711940

Option 1 ID: 75189747760 Option 2 ID: 75189747757 Option 3 ID: 75189747759

Option 4 ID: 75189747758 Status: Answered





Q.42 The lengths of corresponding sides of two similar triangles are in the ratio 5: 6. The areas of these triangles are in the

Ans

√ 1. 25:36

X 2. 36:25

X 3. 3:4

X 4. 16:42

Question ID: 75189711825 Option 1 ID: 75189747298 Option 2 ID: 75189747300 Option 3 ID: 75189747297 Option 4 ID: 75189747299 Status: Answered

Chosen Option: 1

Q.43 Rohit started on his bicycle from his home and travelled a distance of 5 km in the south direction. He then turned towards the right and travelled a distance of 2.5 km, and again took a turn towards the right and travelled a distance of 5 km. Finally, after taking a left turn, he travelled a distance of 5 km. What is the shortest distance between his present location and his home? (All turns are 90 degree turns only)

Ans × 1. 9.5 km

√ 2. 7.5 km

× 3. 8.5 km

× 4. 6.5 km

Question ID: 75189711589 Option 1 ID: 75189746353 Option 2 ID: 75189746355 Option 3 ID: 75189746354 Option 4 ID: 75189746356 Status: Answered

Chosen Option: 2

Buhsu Jiba is a festival celebrated in the state of

Himachal Pradesh

X 2. Odisha

× 3. Sikkim

4. Nagaland

Question ID: 75189712128 Option 1 ID: 75189748510 Option 2 ID: 75189748509 Option 3 ID: 75189748512 Option 4 ID: 75189748511

Status: Not Answered





Q.45 Six doctors are sitting in a row facing north. Omprakash is sitting third to the left of Tanvi, who is sitting second to the right of Matank. Yadhu is sitting to the immediate right of Sunil, who is sitting somewhere to the left of Omprakash. Neither Yadhu nor Karuna sit at the extreme ends. What is Karuna's position with respect to Yadhu?

Ans ★ 1 Third to the left.

✓ 2. Third to the right

X 3. Fourth to the left

¥ 4 Fourth to the right

Question ID: 75189711436 Option 1 ID: 75189745741 Option 2 ID: 75189745742 Option 3 ID: 75189745744 Option 4 ID: 75189745743 Status: Not Answered

Chosen Option: --

Q.46 A salt is dissolved in water and the pH of this salt solution is measured with a universal indicator paper. If the pH of solution is more than 7, the salt is most likely to be

Ans

× 1. NH<sub>4</sub>Cl

× 2. Na<sub>2</sub>SO<sub>4</sub>

X 4. KCl

Question ID: 7518973626 Option 1 ID: 75189714504 Option 2 ID: 75189714501 Option 3 ID: 75189714502 Option 4 ID: 75189714503 Status: Not Answered

Chosen Option: --

Q.47 If '+' means '-', '-' means ' x', 'x' means ' x', 'x' means '+', what will come in place of the question mark (?) in the following equation?

 $44 \div 120 \times 5 - 2 + 10 \times 2 = ?$ 

Ans X 1. 84

X 2. 85

**√** 3. **87** 

X 4. 86

Question ID: 75189711641 Option 1 ID: 75189746561 Option 2 ID: 75189746562 Option 3 ID: 75189746564

Option 4 ID: 75189746563 Status: Answered



Q.48 Doddabetta peak, which means a big mountain, is the highest mountain peak in the \_\_\_\_

Ans

✗¹ Ananthagiri Hills

X 2 Shevaroy Hills

X 3. Cardamom Hills

4. Nilgiri Hills

Question ID : 75189710481 Option 1 ID : 75189741924 Option 2 ID : 75189741921 Option 3 ID : 75189741923 Option 4 ID : 75189741922

Status: Answered

Chosen Option: 3

Q.49 The radius of curvature of a spherical mirror is the distance between:

Ans

× 1 principal focus and centre of curvature

✓ 2. centre of curvature and pole

× 3. pole and principal focus

× 4 centre of curvature and infinity

Question ID: 7518979469
Option 1 ID: 75189737874
Option 2 ID: 75189737875
Option 3 ID: 75189737873
Option 4 ID: 75189737876

Status : Answered

Chosen Option: 2

Q.50 The cost of a pen is twice the cost of a pencil. If the cost of the pencil is ₹1, the cost of 3 pens and 2 pencils is:

Ans

**X** 1. ₹7

**X** 2. ₹2

× 3. ₹10

**√** 4. ₹8

Question ID: 7518979987

Option 1 ID: 75189739946 Option 2 ID: 75189739945 Option 3 ID: 75189739948 Option 4 ID: 75189739947

Status : Answered

**Q.51** Which of the following is the standard representation of quadratic equation (x-4)(x+1) = 2?

$$\sqrt{1}$$
  $x^2 - 3x - 6 = 0$ 

$$x^2 - 4x - 2 = 0$$

$$\times$$
 3.  $x^2 - x - 2 = 0$ 

$$x^2 - 3x - 4 = 0$$

Question ID: 7518979301

Option 1 ID: 75189737203 Option 2 ID: 75189737202 Option 3 ID: 75189737204 Option 4 ID: 75189737201

Status: Answered

Chosen Option: 4

Q.52 Each of the six graduate students, Anudeep, Yamuna, Chinmayi, Divija, Esha and Guna, has an online PG entrance exam on a different day of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. None of them have the exam before Chinmayi and after Yamuna. Guna has the exam immediately after Anudeep and immediately before Divija. Esha has the exam on Tuesday and immediately before Anudeep.

Who among the following has the exam on Friday?

Ans X 1. Yamuna

X 2. Guna

X 4. Anudeep

Question ID: 75189711444

Option 1 ID: 75189745776 Option 2 ID: 75189745773 Option 3 ID: 75189745774

Option 4 ID: 75189745775

Status: Answered

Chosen Option: 3

Q.53 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5613743658, which of the following digits will be second from the left?

Ans X 1. 2

X 2. 6

**3**. **4** 

X 4. 3

Question ID: 75189711634

Option 1 ID: 75189746535 Option 2 ID: 75189746533 Option 3 ID: 75189746534

Option 4 ID: 75189746536 Status: Answered





Q.54 What kind of roots does the quadratic equation  $5x^2 + 7x + 4 = 0$  have?

Ans 1. No real roots

2. Only one real root

× 3. Real and equal roots

× 4. Real and unequal roots

Question ID: 75189712081 Option 1 ID: 75189748323

Option 2 ID: 75189748324 Option 3 ID: 75189748321 Option 4 ID: 75189748322

Status: Answered

Chosen Option: 1

Q.55 If '+' means '+', '-' means '\*', '\*' means '+', '+' means '-', what will come in place of the question mark (?) in the following equation?

 $81 \div 3 - 14 \div 7 \times 6 + 6 - 5 = ?$ 

Ans X 1. 43

**√** 2. **37** 

X 3. 50

X 4. 55

Question ID: 7518974883 Option 1 ID: 75189719530

Option 2 ID: 75189719529 Option 3 ID: 75189719531

Option 4 ID: 75189719532 Status: Answered

Chosen Option: 2

Q.56 Which of the following statements about conductivity of electricity in ionic compounds is correct?

Ans

Ionic compounds conduct electricity in molten state but not in solid state.

X 2.

Ionic compounds conduct electricity in solid state but not in molten state.

Ionic compounds are bad conductors of electricity in both solid as well as in molten state.

Ionic compounds conduct electricity in both solid as well as in molten state.

Question ID: 75189711912

Option 1 ID: 75189747646 Option 2 ID: 75189747647

Option 3 ID: 75189747648 Option 4 ID: 75189747645

Status: Answered





Q.57 If 14 April 2005 is a Thursday, then what will be the day of the week on 10 May 2017?

Ans

X 1. Tuesday

× 2. Thursday

× 4. Friday

Question ID : **75189711664** 

Option 1 ID: **75189746654**Option 2 ID: **75189746653**Option 3 ID: **75189746656**Option 4 ID: **75189746655** 

Status : Answered

Chosen Option: 3

Q.58 \_\_\_\_\_\_ of trade refers to the type of goods and services a country exports and imports.

Ans

✓ 1. Composition

× 2. Gain

× 3. Volume

X 4. Value

Question ID : 75189712111

Option 1 ID : **75189748443** Option 2 ID : **75189748444** Option 3 ID : **75189748442** 

Option 4 ID : **75189748441**Status : **Answered** 

Chosen Option: 4

Q.59 In November 2021, Manisha Kalyan scored India's first-ever goal against \_\_\_\_\_ in senior level foot

Ans

★ 1. Germany

✓ 2. Brazil

X 3. Sweden

× 4. France

Question ID : 7518978488

Option 1 ID: **75189733949** 

Option 2 ID: 75189733951

Option 3 ID: **75189733952** 

Option 4 ID : **75189733950**Status : **Not Answered** 

Chosen Option : --





Q.60 The radius of the base of a cylinder is increased from 4 cm to 16 cm, but its curved surface area remains unchanged. If the initial height of the cylinder was 4 cm, what will be its new height?

Ans

× 1. 2 cm

√ 2. 1 cm

× 3. 3 cm

× 4. 4 cm

Question ID: 75189711812
Option 1 ID: 75189747247
Option 2 ID: 75189747246
Option 3 ID: 75189747248
Option 4 ID: 75189747245
Status: Answered

Chosen Option: 2

Q.61 Adolescence begins around the age of 11 and lasts upto:

Ans

× 1 19 or 20 years of age

× 2. 16 or 17 years of age

★ 4. 15 or 16 years of age

Question ID: 75189710217
Option 1 ID: 75189740866
Option 2 ID: 75189740866
Option 3 ID: 75189740865
Option 4 ID: 75189740868
Status: Answered

Chosen Option: 3

Q.62 Lala Lajpat Rai was associated with the

since 1921.

Δn

X 1. Satyashodhak Samaj

X 2. Chinmaya Mission

🔀 3 Sarbatatyadipika Sabha

Question ID: 7518978516 Option 1 ID: 75189734062 Option 2 ID: 75189734061 Option 3 ID: 75189734063 Option 4 ID: 75189734064

Status : Answered

Q.63 Simplify the given expression.

$$11.45\overline{65} \div 2.\overline{67}$$

Ans

$$\times$$
 1.  $4\frac{2}{25}$ 

$$\times$$
 2.  $3\frac{7}{25}$ 

$$\checkmark$$
 3.  $4\frac{7}{25}$ 

$$\times$$
 4.  $3\frac{4}{25}$ 

Question ID: 75189711720

Option 1 ID: 75189746877 Option 2 ID: 75189746878 Option 3 ID: 75189746879 Option 4 ID: 75189746880

Status : Answered

Chosen Option: 3

Q.64 Which of the following statements is correct for saturated carbon compounds?

Ans

- 1. They have carbon-carbon single bond only.
- × 2. They have carbon-carbon triple bond only.
- X 3. They have carbon-carbon double bond only.
- × 4. They have both double and triple bond.

Adda

Question ID : 75189711844

Option 1 ID: 75189747373
Option 2 ID: 75189747375
Option 3 ID: 75189747374
Option 4 ID: 75189747376
Status: Answered

Chosen Option : 1

Q.65 Which Union Territory launched two women's squads headed by Khalida Parveen, for ensuring the safety and security of women in February 2022?

Ans

- ➤ 1 Puducherry
- X 2. Ladakh
- X 3. Chandigarh
- 4. Jammu And Kashmir

Question ID: 75189710422

Option 1 ID: **75189741688**Option 2 ID: **75189741687**Option 3 ID: **75189741685** 

Option 4 ID : 75189741686 Status : Not Answered

Chosen Option : --





Q.66 The distance between two stations, Delhi and Amritsar is 450 km. A train starts at 4 p.m. from Delhi and moves towards Amritsar at an average speed of 60 km/h. Another train starts from Amritsar at 3:20 p.m. and moves towards Delhi at an average speed of 80 km/h. At what distance from Delhi will the two trains meet?

Ans

√ 1 170 km

× 2. 180 km

× 3. 160 km

X 4. 165 km

Question ID : 75189711759 Option 1 ID : 75189747033 Option 2 ID : 75189747035 Option 3 ID : 75189747034 Option 4 ID : 75189747036

Status : Answered

Chosen Option : 1

Q.67 In the psychology of motivation, balance theory is a theory of attitude change, proposed by

Ans

✓ 1. Fritz Heider

X 2. Adam Smith

✗ 3. Milton Friedman

X 4 John A List

Question ID: 7518978874
Option 1 ID: 75189735496
Option 2 ID: 75189735494
Option 3 ID: 75189735493
Option 4 ID: 75189735495
Status: Not Answered

Chosen Option: --

Q.68 Which of the following is NOT an elected functionary?

Δns

★ 1. Chairman - Municipal Corporation

× 2. Chairman - Municipal Board

X 4. Chairman - District Board

Question ID: 75189712171 Option 1 ID: 75189748684 Option 2 ID: 75189748682 Option 3 ID: 75189748681

Option 4 ID : **75189748683** 

Status : Answered

Chosen Option :  $\boldsymbol{3}$ 

Q.69

The value of 0.87 is \_\_\_\_\_.

Ans

- $\times$  1.  $\frac{87}{9}$
- √ 2. 
  √ 2. 
  √ 90
- × 3.  $\frac{7}{90}$
- × 4.  $\frac{8}{90}$

Question ID : **75189711948** 

Option 1 ID : Option 2 ID : Option 3 ID : Option 4 ID : Status : **Answered** 

Chosen Option : 2

Q.70 Islam is a major world religion promulgated by the Prophet Muhammad in Arabia in the:

Ans

- × 1. 5<sup>th</sup> century
- × 2. 4<sup>th</sup> century
- √ 3. 7<sup>th</sup> century
- × 4 6<sup>th</sup> century

Question ID : 75189710560

Option 1 ID: **75189742238** Option 2 ID: **75189742237** 

Option 3 ID : **75189742240** Option 4 ID : **75189742239** 

Status : Not Answered



Q.71 Sangam literature was composed in which classical language?

Ans X 1. Odiya

× 2. Malayalam

√ 3. Tamil

× 4. Sanskrit

Question ID: 75189712132
Option 1 ID: 75189748528
Option 2 ID: 75189748526
Option 3 ID: 75189748527
Option 4 ID: 75189748525
Status: Not Answered

Chosen Option : --

Q.72 Which Lok Sabha was constituted after the General Elections to Lok Sabha, 2019?

Ans

× 1. 16<sup>th</sup>

✓ 2. 17<sup>th</sup>

× 3. 18<sup>th</sup>

× 4. 15<sup>th</sup>

Question ID: **7518976564** 

Option 1 ID : **75189726254** Option 2 ID : **75189726255** Option 3 ID : **75189726256** 

Option 4 ID : **75189726253**Status : **Answered** 

Chosen Option: 2

Q.73 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement:  $E \le T = D \le Q \ge Z = G$ 

Conclusions:

I.  $T \le G$ 

II. Z > D

Ans X1 Dot

X 1 Both conclusions I and II are true

× 2. Only conclusion II is true

✓ 3. Neither conclusion I nor II is true

★ 4. Only conclusion I is true

Question ID: 7518974954

Option 1 ID: 75189719815

Option 2 ID: 75189719814

Option 3 ID : **75189719816** 

Option 4 ID : **75189719813**Status : **Answered** 





Q.74 The greatest number which on dividing 50, 58 and 69 leaves remainders of 1, 2 and 6, respectively, is:

Ans

√ 1. 7

X 2. 8

**X** 3. **0** 

X 4. 6

Question ID: 75189711729 Option 1 ID: 75189746916 Option 2 ID: 75189746914 Option 3 ID: 75189746913 Option 4 ID: 75189746915

Status : Answered

Chosen Option: 1

Q.75 What is the primary function of money?

Ans

X 1. It is the basis of distribution of income

× 2. It is a store house of goods

★3 It is the basis of debit

Question ID: 7518978887 Option 1 ID: 75189735545 Option 2 ID: 75189735548 Option 3 ID: 75189735547 Option 4 ID: 75189735546 Status: Answered

Chosen Option: 4

Q.76 Majuli, in the \_\_\_\_\_, is the largest inhabited riverine island in the world.

Ans

X 1. Yamuna river

X 2. Godavari river

X 4. Ganga river

Question ID: 7518979423 Option 1 ID: 75189737691 Option 2 ID: 75189737692 Option 3 ID: 75189737690 Option 4 ID: 75189737689

Status : Answered





Q.77 If ₹3.50 : ₹7.50 :: ₹8.26 : x, then what is the value of x?

Ans × 1. ₹17.85

× 2. ₹18.10

× 3. ₹17.00

√ 4. ₹17.70

Question ID: 75189711741 Option 1 ID: 75189746964 Option 2 ID: 75189746963 Option 3 ID: 75189746962

Option 4 ID: 75189746961 Status: Answered

Chosen Option: 4

Q.78 Which group in the Modern Periodic Table has only one non-metallic element?

Ans

X 1. 16

× 2. 17

X 3. 15

√ 4. 14

Question ID: 7518979705

Option 1 ID: 75189738819 Option 2 ID: 75189738820

Option 3 ID: 75189738818

Option 4 ID: 75189738817

Status : Answered

Chosen Option: 4

Q.79 Two consecutive numbers are such that one-fourth of the smaller number exceeds one-fifth of the larger number by 3. The larger number is

Ans X 1. 25

**2**. 65

**X** 3. 45

X 4. 75

Question ID: 75189711968

Option 1 ID: 75189747869

Option 2 ID: 75189747871

Option 3 ID: 75189747870

Option 4 ID: 75189747872

Status : Answered





Q.80 The total amount payable for completing a piece of work is ₹800. C can do it alone in 24 days, while B can do it alone in 8 days. With the help of A, they complete this work in 3 days. What is the sum of money received by A as his share in completing the work?

Ans

X 1. ₹300

× 2. ₹450

√ 3. ₹400

× 4. ₹350

Question ID: 75189711958 Option 1 ID: 75189747832 Option 2 ID: 75189747829 Option 3 ID: 75189747831 Option 4 ID: 75189747830

Status : Answered

Chosen Option: 3

Q.81 Due to \_\_\_\_\_\_phenomena, when light is passed through suspended particles in a medium, some portion of light is absorbed and emitted in all directions.

Ans

× 1. reflection of light

× 2 dispersion of light

× 4. refraction of light

Question ID: 7518979534
Option 1 ID: 75189738133
Option 2 ID: 75189738135
Option 3 ID: 75189738136
Option 4 ID: 75189738134

Status : Answered

Chosen Option: 3

Q.82 The compound interest in 2 years on ₹30,000 at 7% interest per annum, compounded annually, is \_\_\_\_\_

Ans

**X** 1. ₹4,447

√ 2. ₹4,347

**X** 3. ₹4,777

× 4. ₹4,437

Question ID: **75189711954**Option 1 ID: **75189747815** 

Option 2 ID: **75189747814**Option 3 ID: **75189747816**Option 4 ID: **75189747813** 

Status : Answered

Q.83 Suppose Sita has kept a needle in front of a concave mirror of focal length f at a distance (f+x) and a real image of the needle is seen on a screen at a distance (f + y). Then the focal length f can be expressed as:

Ans

$$\times$$
 1.  $f = 2\sqrt{xy}$ 

$$\checkmark$$
 2.  $f = \sqrt{xy}$ 

$$\times$$
 3.  $f = -2\sqrt{xy}$ 

$$\times$$
 4. f =  $-\sqrt{xy}$ 

Question ID: 75189712192 Option 1 ID: 75189748766 Option 2 ID: 75189748767

Option 3 ID: 75189748765 Option 4 ID: 75189748768 Status: Answered

Chosen Option: 4

Q.84 Which of the following numbers will replace the question mark (?) in the given series?

15, 16, 32, 35, 140, ?

Question ID: 75189710919

Option 1 ID: 75189743676 Option 2 ID: 75189743675 Option 3 ID: 75189743673

Option 4 ID: 75189743674 Status: Answered

Chosen Option: 2

The direction of the magnetic field produced by the current carrying solenoid is: Q.85

Ans

1 parallel to the axis of the solenoid

× 2. perpendicular to the axis of the solenoid

X 3. parallel to the diameter of the solenoid

× 4 parallel to the direction of the current

Question ID: 75189711171

Option 1 ID: 75189744683 Option 2 ID: 75189744682 Option 3 ID: 75189744684

Option 4 ID: 75189744681 Status: Answered



Q.86 Refer to the letter and symbol series, and answer the question that follows.

(Left) G H T % K & L M # S T \* Q @ N O (Right)

How many symbols are there between the seventh element from the right end and the fifth element from the left end of the given series?

Ans X 1. 1

X 2. 4

X 3. 3

√ 4. 2

Question ID: 75189711038

Option 1 ID: 75189744152 Option 2 ID: 75189744149 Option 3 ID: 75189744151

Option 4 ID: 75189744150

Status: Answered

Chosen Option: 4

Q.87 Anu, Dilip, Eshwar, Jahnavi, Komal, Pallavi, Riya, and Tara 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. Tara is to the immediate right of Komal and to the immediate left of Jahnavi. Anu is to the immediate left of Riya. Dilip and Jahnavi have only one person between them. Eshwar is sitting at the exact centre of one of the sides and has Riya to the immediate left and Komal to the immediate right.

Who is sitting to the immediate right of Pallavi?

Ans

✓ 1. Dilip

X 2. Anu

× 3. Jahnavi

X 4. Tara

Question ID: 75189711431

Option 1 ID: 75189745722

Option 2 ID: 75189745721

Option 3 ID: 75189745723

Option 4 ID: 75189745724

Status: Answered

Chosen Option: 1

Q.88 If 10: 16:: 30: y, then find the value of y.

Ans X 1. 42

X 2. 54

X 3. 40

√ 4. 48

Question ID: 75189711952

Option 1 ID: 75189747806

Option 2 ID: 75189747808

Option 3 ID: 75189747805

Option 4 ID: 75189747807

Status: Answered





Q.89 Which of the following forms the lining of kidney tubules and ducts of salivary glands?

Ans X 1. Squamous epithelium

X 2. Glandular epithelium

★ 4. Columnar epithelium

Question ID: 75189710178
Option 1 ID: 75189740710
Option 2 ID: 75189740712
Option 3 ID: 75189740709
Option 4 ID: 75189740711
Status: Not Answered

Chosen Option: --

Q.90 Which of the following parts is responsible to give a specific colour to the eyes?

Ans X 1. Lens

X 2. Cornea

X 3. Retina

✓ 4. Iris

Question ID: 75189710522
Option 1 ID: 75189742087
Option 2 ID: 75189742088
Option 3 ID: 75189742086
Option 4 ID: 75189742085
Status: Answered

Chosen Option: 4

Q.91 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 anklets are printers.

Some printers are birds.

Some birds are cherries.

#### Conclusions:

I. Some birds are printers.

II. All printers are anklets.

III. Some cherries are birds.

Ans

Only conclusion II follows.

✓ 2. Both conclusions I and III follow.

None of the conclusions follow.

M. Only conclusion I follows.

Question ID: **75189711472**Option 1 ID: **75189745886**Option 2 ID: **75189745887** 

Option 3 ID : **75189745888** Option 4 ID : **75189745885** 

Status : Answered



Q.92 The median of the observations below, given in ascending order, is n-1.

4, 8, n – 14, 17, n + 5, 30, 32 and 35

What is the value of n?

Ans × 1. 18

X 2. 19

**√** 3. **24** 

× 4. 17

Question ID: 75189711960

Option 1 ID: 75189747839 Option 2 ID: 75189747837

Option 3 ID: 75189747840

Option 4 ID: 75189747838 Status: Answered

Chosen Option: 3

Q.93 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'men', the square represents 'photographers', and the triangle represents 'musicians'. How many men are there who are NEITHER photographers NOR musicians?



Ans X 1. 5

X 2. 2

**X** 3. 4

**√** 4. **6** 

Question ID: 75189711478

Option 1 ID: 75189745911

Option 2 ID: 75189745912

Option 3 ID: 75189745909 Option 4 ID: 75189745910

Status : Answered



Q.94 Which of the following expressions is correct?

1. Mode - median = 2 (median - mean)

3. Mode = 2 Median - mean

4. Mean =

Ans X 1. 2

X 2. 4

X 3. 3

**√** 4. 1

Question ID: 75189711770

Option 1 ID: **75189747078** Option 2 ID: **75189747079** 

Option 3 ID: **75189747080** Option 4 ID: **75189747077** 

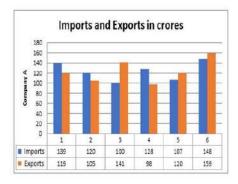
Status : Answered





Q.95 The given bar graph shows the exports and imports of Company A over a period of time. Study the bar graph and answer the question that follows.

The numbers 1 to 6 in the graph represent the years from 2001 to 2006.



What is the average of the imports for the period 2001 to 2006 (in crores)?

Ans

X 1 56.61

× 2. 80.24

√ 3. 123.66

× 4. 172.40

Question ID: 75189711238

Option 1 ID : **75189744952** Option 2 ID : **75189744949** 

Option 3 ID: **75189744951** 

Option 4 ID : **75189744950**Status : **Answered** 

Chosen Option: 3

Q.96 In a certain code language, 'BOY is written as 'ACNPXZ' and 'TOY' is written as 'SUNPXZ'. How will 'JOY' be written in that code language?

Ans

X 1. IKXZNP

✓ 2. IKNPXZ

X 3. XZNPIK

X 4. ZXPNKI

Question ID: 75189711563

Option 1 ID : **75189746250** 

Option 2 ID: **75189746252** 

Option 3 ID : **75189746249** Option 4 ID : **75189746251** 

Status : Answered

Status . Alls





Q.97 What happens when we exhale during normal breathing?

Ans

★ 1 The diaphragm is flattened

✓ 2. A residual amount of air remains in the lungs

X 3. All carbon dioxide is expelled from the body

★ 4. The lungs are contracted

Question ID : 75189710079
Option 1 ID : 75189740313
Option 2 ID : 75189740316
Option 3 ID : 75189740315
Option 4 ID : 75189740314
Status : Answered

Chosen Option: 1

Q.98 Given below are two letter-cluster pairs in which the second letter-cluster is related to the first letter-cluster following a certain logic. Select the letter-cluster pair from among the options that follows the same logic.

NZF : FAN

HSE: EHH

Ans

✓ 1. CPN: NKC

2. CPN: NFC

X 3. CPN: NQC

X 4. CPN: NEC

Question ID : **7518979771** 

Option 1 ID : **75189739082** Option 2 ID : **75189739084** 

Option 3 ID : 75189739081 Option 4 ID : 75189739083 Status : Answered

Chosen Option : 1

Q.99 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

MON 4, QSR 10, UWV 16, YAZ 22, ?

Ans

✓ 1. CED 28

X 2. AED 24

X 3. DED 25

X 4. CFD 28

Question ID: 7518978238 Option 1 ID: 75189732951 Option 2 ID: 75189732949 Option 3 ID: 75189732950

Option 4 ID : **75189732952** 

Status : Answered





Q.100 The e-PGPathshala scheme of the Government of India is related to which of the following?

Ans X 1. Secondary education

✓ 2. Higher education

X 3. Primary education

X 4. Nursery education

Question ID: **75189711108**Option 1 ID: **75189744431**Option 2 ID: **75189744432**Option 3 ID: **75189744430** 

Option 4 ID : **75189744429** Status : **Answered** 

Chosen Option: 3

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