





रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



D. II.N. I	
Roll Number	
Candidate Name	
Test Center Name	iON Digital Zone iDZ Arrah
Test Date	02/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

^{*} Note

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

- 1. Options shown in green color with a tick icon are correct.
- 2. Chosen option on the right of the question indicates the option selected by the candidate.

Section: Level 1

Which of the following is NOT an example of 'fiat' money in India?

× 1 ₹500 note

× 2. ₹100 note

× 3. ₹1 coin

Question ID: 7518976820 Option 1 ID: 75189727278

Option 2 ID: 75189727277 Option 3 ID: 75189727279 Option 4 ID: 75189727280

Status: Answered

Chosen Option: 3

Q.2 Select the term from among the given options that can replace the question mark (?) in the following series.

ABCD, ABCD1, ABC1D1, AB1C1D1, A1B1C1D1, A1B1C1D2, ?

Ans X 1. A1B1C2D12

X 2. A1B1C2D11

✗ 3. A1B1C2D22

√ 4. A1B1C2D2

Question ID: 7518977954

Option 1 ID: 75189731815 Option 2 ID: 75189731814

Option 3 ID: 75189731816 Option 4 ID: 75189731813

Status: Answered

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Q.3 If each vowel in the word RUBAL is changed to the next vowel in the English alphabetical order and each consonant is changed to the next letter in the English alphabetical order, which letter will be present in the newly formed word?

Ans

X 1. L

X 2. U

√ 3. A

X 4. R

Question ID : **7518977968** Option 1 ID : **75189731872** Option 2 ID : **75189731870**

Option 3 ID : **75189731871** Option 4 ID : **75189731869** Status : **Answered**

Chosen Option: 3

Q.4 Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements

- 1. All pots are sands.
- Some sands are clays.
- All greys are clays.

Conclusions:

- I. Some greys are pots.
- II. All clays are sands is a possibility.
- III. Some clays are pots.

Ans X 1. Only conclusion I and II are true

X 2. Only conclusion III is true

X 4. Only conclusion I is true

Question ID : 7518978204

Option 1 ID : **75189732816**

Option 2 ID: **75189732815** Option 3 ID: **75189732814**

Option 4 ID : 75189732813

Status : Answered

Q.

The expression $\frac{1+x}{1-x} - \frac{1-x}{1+x} + \frac{4x}{1+x^2} + \frac{8x^3}{1-x^4}$ is equal to:

Ans

$$x 1. \frac{4x}{1-x^2}$$

$$\times$$
 2. $\frac{8x}{1+x^2}$

$$\times$$
 3. $\frac{4x}{1+x^2}$

$$\checkmark$$
 4. $\frac{8x}{1-x^2}$

Question ID: 7518978427

Option 1 ID: 75189733707 Option 2 ID: 75189733708 Option 3 ID: 75189733706 Option 4 ID: 75189733705

Status : Answered

Question ID: 7518975628

Chosen Option: 4

Q.6 A man sold a shirt for ₹960, at a loss of 4%. He sells a sweater for ₹840 at a profit of 20%. Find his net profit or loss.

Ans

Option 1 ID : 75189722512
Option 2 ID : 75189722511
Option 3 ID : 75189722510
Option 4 ID : 75189722509
Status : Answered
Chosen Option : 1

- Q.7 The Planning Commission was set up on ____ the First Five-Year Plan (1951-56).
- and the plan era started from 1 April 1951 with the launching of

Ans

- × 1. 26 January 1950
- √ 2. 15 March 1950
- X 3. 1 March 1950
- × 4. 15 August 1949

Question ID: 7518978894
Option 1 ID: 75189735573
Option 2 ID: 75189735575
Option 3 ID: 75189735576
Option 4 ID: 75189735574

Status: Answered





Q.8 Find the values of b for which the quadratic equation $4x^2 + bx + 1 = 0$ has equal roots.

Ans

X 1. Only -4

√ 2. - 4 and 4

X 3. Only 4

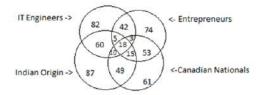
× 4. -8 and 8

Question ID: 7518976172 Option 1 ID: 75189724687 Option 2 ID: 75189724685 Option 3 ID: 75189724686

Option 4 ID: 75189724688 Status: Answered

Chosen Option: 2

Q.9 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of



How many Canadian nationals are there who are entrepreneurs of Indian origin but NOT IT engineers?

Ans X 1. 36

√ 2. 15

X 3. 18

X 4. 33

Question ID: 7518977615 Option 1 ID: 75189730460

Option 2 ID: 75189730458 Option 3 ID: 75189730457 Option 4 ID: 75189730459

Status: Answered





Q.10 Harish bought an article for ₹520 and sold it to Renu at a loss of 30%. With this amount, Harish bought another article and sold it at a gain of 55%. What is Harish's overall gain percentage?

Ans X 1. 9.5%

√ 2. 8.5%

× 3. 7.8%

X 4. 9%

Question ID: 7518978380 Option 1 ID: 75189733520 Option 2 ID: 75189733517 Option 3 ID: 75189733518 Option 4 ID: 75189733519

Status: Answered

Chosen Option: 2

Q.11 In the given letter-cluster triads, the letter-clusters in a particular triad are related following a certain logic. Study the given triads carefully and from the given options, select the triad that follows the same logic.

ABC: DFH: ILO

RST: UWY: ZCF

Ans X 1 STU: VWX: YZA

× 2. OPQ : RTV : WYA

¥ 4. EFG : HKN : ORU

Question ID: 7518978033

Option 1 ID: 75189732129 Option 2 ID: 75189732131

Option 3 ID: 75189732130

Option 4 ID: 75189732132 Status: Answered

Chosen Option: 3

Q.12 The Kumaun Himalayas (according to the east-west division of the Himalayas) lie between which of the following two

Ans

Teesta and Dibang

✓ 2. Sutlej and Kali

X 3. Indus and Sutlej

X 4. Kali and Teesta

Question ID: 7518974272

Option 1 ID: 75189717088 Option 2 ID: 75189717086

Option 3 ID: 75189717085

Option 4 ID: 75189717087

Status: Answered





Q.13 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. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

25:6::64:9::9:?

Ans

X 1. 5

X 2. 2

X 3. 3

√ 4. 4

Question ID: 7518977733

Option 1 ID: 75189730931 Option 2 ID: 75189730929 Option 3 ID: 75189730930

Option 4 ID: 75189730932 Status: Answered

Chosen Option: 4

Q.14 Amita travels a certain distance at a speed of 50 km/h and double the earlier distance at 60 km/h. She then returns to the starting point through same route. If her average speed for the entire journey is 45 km/h, then what is her average speed (in km/h) for the return journey?

Ans X 1. 42

× 2. 40

√ 3. 37.5

X 4. 42.5

Question ID: 7518978414 Option 1 ID: 75189733656 Option 2 ID: 75189733654 Option 3 ID: 75189733653 Option 4 ID: 75189733655

> Not Attempted and Status: Marked For Review

Chosen Option: --

Q.15 Four bells ring at intervals of 4 minutes, 8 minutes, 12 minutes, and 24 minutes respectively. All the four bells rang together at 12 noon. How many times after 12 noon will all the four bells ring together in the next four hours, with the ringing at 4 p.m. being included?

Ans

√ 1. 10 times

× 2. 9 times

× 3. 8 times

X 4. 11 times

Question ID: 7518975824 Option 1 ID: 75189723295 Option 2 ID: 75189723294 Option 3 ID: 75189723293

Option 4 ID: 75189723296 Status: Answered



Q.16 If α and β , where $\alpha > \beta$, are the roots of the equation $5x^2 - 3x - 2 = 0$, then what is the value of $(\alpha - 2\beta)$?

 \times 3. $\frac{7}{5}$

× 4. 11/5

Question ID: 7518978452

Option 1 ID: 75189733807 Option 2 ID: 75189733806 Option 3 ID: 75189733805 Option 4 ID: 75189733808

Status: Answered

Chosen Option: 1

Q.17 Gandhiji founded Harijan Sevak Sangh in ______ to eradicate untouchability and uplift the depressed classes.

Ans

1. 1932

X 2. 1929

X 3. 1924

X 4. 1936

Question ID: 7518978518

Option 1 ID: 75189734072 Option 2 ID: 75189734070

Option 3 ID: 75189734069

Option 4 ID: 75189734071

Status: Answered

Chosen Option: 1

Q.18 In India, _____ is/are governed by the provisions of Section 29A of the Representation of the People Act, 1951.

× 1 appointment of dates for nominations, etc.

× 2. withdrawal of candidature

X 3. general duties of chief electoral officers

Question ID: 7518978600

Option 1 ID: 75189734399

Option 2 ID: 75189734400

Option 3 ID: 75189734398

Option 4 ID: 75189734397

Status: Not Answered

Q.19 If $x^2 + y^2 - 4x + 8y + 20 = 0$, then the value of $x^2 + y^2$ is:

Ans X 1. 30

2. 20

X 3. 10

X 4. 40

Question ID: 7518978630
Option 1 ID: 75189734518
Option 2 ID: 75189734519
Option 3 ID: 75189734520
Option 4 ID: 75189734517
Status: Answered

Chosen Option : 2

Q.20 Seven people R, S, T, U, V, W and X were sitting around a circular table, facing the centre. They were equidistant to one another. T was sitting to the immediate right of S. W was sitting to the immediate left of V. R and U were immediate neighbours. Only X was sitting between V and S. U was sitting to the immediate right of T. Who was sitting to the immediate left of W?

Ans 🚀 1. R

X 2. S

X 3. U

X 4. T

Question ID: 7518977575
Option 1 ID: 75189730299
Option 2 ID: 75189730298
Option 3 ID: 75189730297
Option 4 ID: 75189730300
Status: Answered

Chosen Option: 1

Q.21 It is found that during dispersion of white light by a glass prism, the more a colour component is bent, the more is the refractive index of the glass for that colour component. If μ_B , μ_Y and μ_G are refractive indices for blue, yellow and green lights, respectively, then which of the following relations between them is correct?

Ans χ_1 $\mu_Y = \mu_G = \mu_B$

 \times 2. $\mu_G > \mu_B > \mu_Y$

 \times 4. $\mu_{\rm Y} > \mu_{\rm G} > \mu_{\rm B}$

Question ID : Option 1 ID : Option 2 ID : Option 3 ID :

Option 4 ID : **75189726601** Status : **Answered**



Q.22 Refer to the following letter series and answer the question that follows.

(Left) AFRGHUINHFWDCTVGYJMKOQ (Right)

If every third letter in the above series is dropped, which letter would appear at the fifth place from the left?

Ans

√ 1. I

X 2. H

X 3. N

X 4. U

Question ID: 7518977978

Option 1 ID: 75189731912 Option 2 ID: 75189731909 Option 3 ID: 75189731910

Option 4 ID: 75189731911 Status: Answered

Chosen Option: 1

The pH of milk of magnesia is about .

Ans X 1. 4.7

X 2. 13.2

√ 3. 10.4

X 4. 2.9

Question ID: 7518973463

Option 1 ID: 75189713850 Option 2 ID: 75189713852 Option 3 ID: 75189713851

Option 4 ID: 75189713849 Status: Answered

Chosen Option: 3

Q.24 A man has to cover a distance of 150 km in 12 hours. If he covers two-third of this distance in $\frac{5}{2}$ of the time, then what should be his speed (in km/h, correct to one decimal place) to cover the remaining distance in the time left?

Ans

√ 1. 11.1

× 2. 6.7

X 3. 10.5

X 4. 11.5

Question ID: 7518978395

Option 1 ID: 75189733579 Option 2 ID: 75189733577

Option 3 ID: 75189733578 Option 4 ID: 75189733580

Status: Answered



Q.25 How many cubic cm of water can a hemispherical container of radius 7 cm hold (rounded off to 2 $\,$ decimal places) (use $\pi = \frac{22}{7}$)?

Ans X 1. 1437.33

× 2. 616.25

× 3. 154.75

√ 4. 718.67

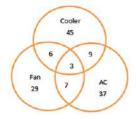
Question ID: 7518976183 Option 1 ID: 75189724732 Option 2 ID: 75189724729 Option 3 ID: 75189724730 Option 4 ID: 75189724731

Status: Answered

Chosen Option: 4

Q.26 Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of

Which number represents AC which are coolers but are not fans?



Ans

√ 1. 9

X 2. 7

X 3. 6

X 4. 3

Question ID: 7518978963 Option 1 ID: 75189735851 Option 2 ID: 75189735852 Option 3 ID: 75189735849 Option 4 ID: 75189735850

Status: Answered



Q.27 Consider the below statements and identify the correct answer.

Statement-I: The chemical formula for baking soda is NaHCO₃. Statement-II: It is used in soda-acid fire extinguisher.

Ans

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

Question ID: 7518973658 Option 1 ID: 75189714629 Option 2 ID: 75189714632 Option 3 ID: 75189714631 Option 4 ID: 75189714630

Status: Answered

Chosen Option: 3

Q.28 If the resistance of a conductor is doubled then the heat produced is:

Ans

- X 1. Unchanged
- ✓ 2. Two times
- X 3. Zero
- × 4. Half

Question ID : 7518978142
Option 1 ID : 75189732567
Option 2 ID : 75189732566
Option 3 ID : 75189732568
Option 4 ID : 75189732565
Status : Answered
Chosen Option : 2

Q.29

The value of
$$\sqrt{75 + \sqrt{41 - \sqrt{21 + \sqrt{19 - \sqrt{9}}}}}$$
 is:

Ans

- 1. 9
- X 2. 3
- **X** 3. 6
- **X** 4. 5

Question ID : 7518978624 Option 1 ID : 75189734493 Option 2 ID : 75189734496 Option 3 ID : 75189734494 Option 4 ID : 75189734495

Status : Answered





Q.30 The simple interest on a certain sum for $4\frac{2}{5}$ years at the rate of 9.5% p.a. is ₹3,553. What will be the amount payable on the same sum at 8.4% p.a. simple interest in $7\frac{1}{2}$ years?

Ans × 1. ₹13,950

√ 2. ₹13,855

× 3. ₹14,855

× 4. ₹13,850

Question ID: 7518978373
Option 1 ID: 75189733492
Option 2 ID: 75189733491
Option 3 ID: 75189733489
Option 4 ID: 75189733490
Status: Answered

Chosen Option: 2

Q.31 Arun was performing an experiment in the laboratory. He took a solution of ferric chloride and added some smaller pieces of zinc. When the yellow colour of ferric chloride disappeared, which compound was formed?

Ans X 1. Fe(OH)3

× 2. Zn(OH)₂

× 4. FeCl₂

Question ID: 7518973435
Option 1 ID: 75189713740
Option 2 ID: 75189713739
Option 3 ID: 75189713737
Option 4 ID: 75189713738
Status: Answered

Chosen Option: 3

Q.32 Prince starts from Point A and walks 6 km toward south, and then turns to the right, walks for 4 km. He takes a final turn to the left and walks 6 km. Now, in which direction is he from the starting place?
(All turns are 90 degree turns only)

Ans X 1. South-east

X 2. East

X 3. South

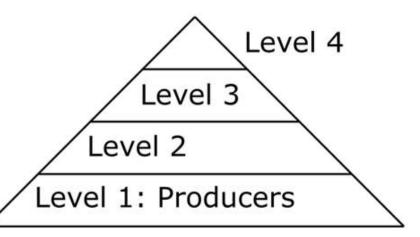
✓ 4. South-west

Question ID: 7518979018 Option 1 ID: 75189736071 Option 2 ID: 75189736072 Option 3 ID: 75189736069 Option 4 ID: 75189736070

Status : Answered



Q.33 In the following figure, deer occupies _



X 1. Level 3

✓ 2. Level 2

X 3. Level 1

X 4. Level 4

Question ID: 7518974460

Option 1 ID: 75189717839 Option 2 ID: 75189717838

Option 3 ID: 75189717837 Option 4 ID: 75189717840

Status: Answered

Chosen Option: 2

Q.34 Kendriya Hindi Sansthan is an autonomous educational institution established in 1960 by the Department of Higher Education of the Ministry of Education, Government of India. Where is its headquarters located?

Ans X 1. Meerut

× 2. Lucknow

× 3. Kanpur

4. Agra

Question ID: 7518974007

Option 1 ID: 75189716026

Option 2 ID: 75189716027

Option 3 ID: 75189716028

Option 4 ID: 75189716025

Not Attempted and Status : Marked For Review





Q.35 For a data, if the mean is 28.5 and the median is 32, then the mode using empirical formula is:

Ans

X 1. 40

X 2. 42

3. 39

× 4. 41

Question ID: 7518975686 Option 1 ID: 75189722743 Option 2 ID: 75189722741 Option 3 ID: 75189722744

Option 4 ID: 75189722742

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.36 Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statements:

 $L \le R \le M \ge Q, N \ge Q \ge T$

Conclusions:

 $I.\ N \geq M$

II. $Q \le R$

III. M > L

IV, $N \ge L$

Ans 🖋 1. Only conclusion III follows

× 2. All conclusions I, II, III and IV follow

★ 3. Only conclusions III and IV follow

X 4. Only conclusions I and IV follow

Question ID : **7518978973** Option 1 ID : **75189735891**

Option 2 ID : **75**189735892 Option 3 ID : **75**189735890

Option 4 ID : **75189735889**

Status : Answered





Q.37 This question is based on the following 3-letter words

(left) BOW SAD LOW RAY (right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

Ans X 1. One

✓ 2. Three

X 3. None

X 4. Two

Question ID: 7518978269

Option 1 ID: 75189733076 Option 2 ID: 75189733074

Option 3 ID: 75189733073 Option 4 ID: 75189733075

Status: Answered

Chosen Option: 2

Q.38 In which state is the five day religious festival of 'Shad Nongkrem' celebrated?

Ans

✓ 1. Meghalaya

2. Andhra Pradesh

3. Uttar Pradesh

× 4. Tripura

Question ID: 7518979379

Option 1 ID: 75189737514

Option 2 ID: 75189737515

Option 3 ID: 75189737513

Option 4 ID: 75189737516 Status: Not Answered

Chosen Option: --

Q.39 Which of the following statements about double displacement reactions is correct?

Ans

- 1. An exchange of ions between two reactants.
- 2 Only one reactant is required.
- X 3. The number of products should be one.
- X 4 The reactant should be organic.

Question ID: 7518978124

Option 1 ID: 75189732493

Option 2 ID: 75189732496

Option 3 ID: 75189732494

Option 4 ID: 75189732495

Status: Answered



Q.40 Harsh walks 45 m towards the west and turns to left and walks 25 m. He then turns to the left and walks 21 m. Again, he turns left and walks 18 m. After that he turns right and walks 23 m and finally, he turns left and walks for 37 m. Which direction is Harsh facing now?
(All turns are 90 degree turns only)

Ans X 1. East

✓ 2. North

X 3. South

X 4. West

Question ID: 7518979021

Option 1 ID: 75189736081 Option 2 ID: 75189736084 Option 3 ID: 75189736083 Option 4 ID: 75189736082

Status: Answered

Chosen Option : 1

Q.41 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

 $2.04 + 5.019 - 3.001 \times 2.04 = ?$

Ans

X 1. 3

X 2. 5

√ 3. **1**

X 4. 4

Question ID : **7518978068**Option 1 ID : **75189732270**Option 2 ID : **75189732271**

Option 3 ID : **75189732269**Option 4 ID : **75189732272**Status : **Answered**





Q.42 एक कथन और उसके बाद दो धारणाएं । और II दी गई हैं। आपको कथन में दी गई संपूर्ण जानकारी को सत्य मानते हुए, यह तय करना है दी गई धारणाओं में से कौन-सी कथन में निहित हैं?

किताबें पढना आपको नैतिक रूप से अच्छा इंसान बनाएगा।

- किताबें पढ़ने से ज्ञान प्राप्त करने में मदद मिलती है।
- II. सभी सफल लोग किताबें पढ़ते हैं।

Ans

- × 1 । और II दोनों धारणाएं निहित हैं
- X2 केवल धारणा II निहित है
- X3 केवल धारणा । निहित है

Question ID: 7518979194

Option 1 ID: 75189736774 Option 2 ID: 75189736776

Option 3 ID: 75189736775 Option 4 ID: 75189736773

Status: Answered

Chosen Option: 3

Q.43 Which element is neither metal nor non-metal?

Ans 🗙 1. Mg

X 2. P

X 3. Al

Question ID: 7518973734

Option 1 ID: 75189714933

Option 2 ID: 75189714936

Option 3 ID: 75189714934 Option 4 ID: 75189714935

Status: Answered





Q.44 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 6.

B lives on an even numbered floor but not on floor number 4. Only two people live between B and E. D lives immediately below A. A lives on an even numbered floor. Neither D nor C live on the lowermost floor. Who lives on

Ans X 1. C

X 2. F

√ 3. A

X 4. E

Question ID: 7518978187

Option 1 ID: 75189732745 Option 2 ID: 75189732748 Option 3 ID: 75189732746

Option 4 ID: 75189732747 Status: Answered

Chosen Option: 3

Q.45 Which of the following methods is a surgical method that is used to prevent sperm transfer from males?

Fallopian tubes are blocked

X 2. Copper T is inserted

X 3. Condom is used

4. Vas deferens is blocked

Question ID: 7518977841

Option 1 ID: 75189731362 Option 2 ID: 75189731363 Option 3 ID: 75189731364

Option 4 ID: 75189731361

Status: Answered

Chosen Option: 4

Q.46 In which year was the Panchayats (Extension to the Scheduled Areas) Act (PESA act) passed in India?

Ans

1. 1996

× 2. 1990

X 3. 1992

X 4. 1994

Question ID: 7518979455

Option 1 ID: 75189737817

Option 2 ID: 75189737820

Option 3 ID: 75189737819

Option 4 ID: 75189737818

Status: Not Answered





Q.47 Which team won the Pro Kabaddi League title of Season 8 in 2022?

Ans

✗¹ Bengaluru Bulls

2. Patna Pirates

X 3. U Mumba

4 Dabang Delhi KC

Question ID: 7518976466 Option 1 ID: 75189725862 Option 2 ID: 75189725863 Option 3 ID: 75189725861 Option 4 ID: 75189725864 Status: Answered

Chosen Option: 1

Q.48 An object is placed in front of a convex mirror of focal length 9 cm, at a distance of 18 cm. Its image is formed at a distance of:

Ans X 1. 18 cm

× 2. 12 cm

√ 3. 6 cm

× 4. 24 cm

Question ID: 7518976602 Option 1 ID: 75189726407 Option 2 ID: 75189726406 Option 3 ID: 75189726405 Option 4 ID: 75189726408 Status: Answered

Chosen Option: 1

Q.49 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 8, 4, 16, 8, 32, ?, 64

Ans X 1. 32

X 2. 96

X 3. 48

√ 4. 16

Question ID: 7518978047 Option 1 ID: 75189732187 Option 2 ID: 75189732185

Option 3 ID: 75189732188 Option 4 ID: 75189732186

Status: Answered



Q.50 Which Article of the Constitution of India says that 'No person shall be deprived of his life or personal liberty except according to procedure established by law'?

Ans X 1. Article 23

X 2. Article 24

X 4. Article 22

Question ID: 7518979443

Option 1 ID: 75189737771

Option 2 ID: 75189737772

Option 3 ID: 75189737769

Option 4 ID: 75189737770

Status : Answered

Chosen Option: 4

Q.51 Out of a few people who participated in a race, Sandeep ranked 17th from the top and 15th from the bottom. How many persons participated in the race?

Ans X 1. 32

X 2. 30

✓ 3. **31**

X 4. 29

Question ID : **7518977904**Option 1 ID : **75189731616**Option 2 ID : **75489734644**

Option 2 ID : **75189731614** Option 3 ID : **75189731615** Option 4 ID : **75189731613**

Status : Answered

Chosen Option: 3

Q.52 Which of the following interchanges in signs and numbers will make the given equation correct?

 $9 - 11 \times 24 = 75$

Ans \times 1. \times and =, 24 and 9

 \times 2. = and -, 75 and 24

× 3. − and ×, 75 and 11

Question ID: 7518979056

Option 1 ID : **75189736221** Option 2 ID : **75189736224**

Option 3 ID : **75189736222** Option 4 ID : **75189736223**

Status : Answered



Q.53 As of July 2022, under the National Pension Scheme for Traders and Self-employed Persons, beneficiaries are entitled to receive minimum monthly assured pension of how much after attaining the age of 60 years?

Ans

× 1. ₹4,500

×2. ₹5,000

× 3. ₹2,500

Question ID: 7518976556
Option 1 ID: 75189726223
Option 2 ID: 75189726224
Option 3 ID: 75189726221
Option 4 ID: 75189726222

Status : Answered

Chosen Option : 2

Q.54 Combustion of one methane gas molecule gives _____ carbon dioxide and ____ water molecules, respectively.

Ans

X 1. 2; 3

√ 2. 1; 2

X 3. 2; 1

X 4. 3; 2

Question ID: 7518973417 Option 1 ID: 75189713665 Option 2 ID: 75189713666 Option 3 ID: 75189713668 Option 4 ID: 75189713667

Status : Not Answered

Chosen Option: --

Q.55 The value of $84 - 4 \div 2 \times 3 + 7$ is:

Ans

√ 1. 85

X 2. 97

× 3. 127

X 4. 173

Question ID: 7518976003

Option 1 ID : **75189724009** Option 2 ID : **75189724012**

Option 3 ID : **75189724010**

Option 4 ID : **75189724011**Status : **Answered**





^{Q.56} किस वेद में ऋचाओं (verses) की संख्या सर्वाधिक है?

Ans

- ^{**×**1.} अथर्ववेद
- × 3. सामवेद
- 🔀 4. यजुर्वेद

Question ID : **7518973843**Option 1 ID : **75189715372**

Option 2 ID: **75189715370**Option 3 ID: **75189715371**Option 4 ID: **75189715369**

Status : Answered

Chosen Option: 2

Q.57 ABCD is a quadrilateral in which AB || DC, and E and F are the mid points of the diagonals AC and BD, respectively. If AB = 28 cm, BC = 15 cm, DC = 40 cm, and AD = 9 cm, then what is the length (in cm) of EF?

Ans

- X 1. 9
- X 2. 8
- X 3. 12
- **√** 4. 6

Adda

Question ID: **7518978479** Option 1 ID: **75189733915**

Option 2 ID: **75189733914** Option 3 ID: **75189733916**

Option 4 ID : **75189733913**

Status : Answered

Chosen Option: 4

Q.58 Researchers at IIT Guwahati have developed a 'smart' window material in May 2021. What is the use of this material?

Ans

- ★ 1. It increases the life of medical oxygen cylinders.
- 2 It locates sources of faint light from distant quasars
- 3. It allows automatic climate control of buildings.
- Y 4 It maintains oxygen pressure that works without electricity.

Question ID: 7518973976

Option 1 ID: 75189715903

Option 2 ID: 75189715904

Option 3 ID: 75189715902

Option 4 ID : **75189715901**

Status: Answered



Q.59 River ____ flows through the Malwa Plateau.

Ans X 1. Godavari

✓ 2. Betwa

X 3. Bhima

× 4. Rangeet

Question ID: 7518978577 Option 1 ID: 75189734306 Option 2 ID: 75189734307 Option 3 ID: 75189734308 Option 4 ID: 75189734305 Status: Not Answered

Chosen Option: --

Q.60 In a certain code language, 'ANGLE' is written as 'CQKQK' and 'BEING' is written as 'DHMSM'. How will 'BROKE' be written in that language?

Ans

✓ 1. DUSPK

X 2. DUKSP

X 3. DUSKP

X 4. DUPPK

Question ID: 7518978280 Option 1 ID: 75189733119 Option 2 ID: 75189733117 Option 3 ID: 75189733118 Option 4 ID: 75189733120 Status: Answered

Chosen Option: 1

Q.61 What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and also 'x' and '+' are interchanged?

 $28 - 168 \times 4 + 10 \div 2 = ?$

Ans

X 1. 30

× 2. 40

√ 3. **50**

X 4. 25

Question ID: 7518977419

Option 1 ID: 75189729674 Option 2 ID: 75189729675 Option 3 ID: 75189729676

Option 4 ID: 75189729673

Status: Answered



Q.62 Which of the following elements is most metallic in nature?

Ans X 1. Ca

X 2. Be

× 4. Sr

Question ID: 7518973521

Option 1 ID: 75189714082 Option 2 ID: 75189714081 Option 3 ID: 75189714083

Option 4 ID: 75189714084 Status: Answered

Chosen Option: 1

Q.63

The value of $\frac{20 + 20 \tan^2 A}{50 + 50 \cot^2 A}$ is:

 \times 1. $\frac{5}{2} \tan^2 A$

✓ 2. $\frac{2}{5} \tan^2 A$

 \times 3. $\frac{5}{2}$ cot²A

 \times 4. $\frac{2}{5}$ cot² A

Question ID: 7518978814

Option 1 ID: 75189735255

Option 2 ID: 75189735256 Option 3 ID: 75189735253

Option 4 ID: 75189735254

Status: Answered

Chosen Option: 2

Q.64 कोयला और पेट्रोलियम के संरक्षण के कुछ कारण नीचे दिए गए हैं। गलत विकल्प का चयन कीजिए।

🗙 1 नागरिकों का पैसा बचाता है

इससे महासागरों का अम्लीकरण नहीं होता है, जो जलीय जंत्ओं की मृत्यू का कारण है

🔀 3. यह जलवायु परिवर्तन के प्रभाव को कम करता है

4. विवेकपूर्ण उपयोग पर भी वायु प्रदूषण बढ़ाता है

Question ID: 7518974693

Option 1 ID: 75189718770

Option 2 ID: 75189718771

Option 3 ID: 75189718769

Option 4 ID: 75189718772

Not Attempted and Status: Marked For Review



Q.65 A and B started moving at the same time towards each other from points X and Y, respectively. After meeting on the way, A and B took 5.4 hours and p hours, respectively to reach Y and X, respectively. If the speed of B is 50% more than that of A, then what is the value of p?

Ans

X 1. 2.7

X 2. 1.8

√ 3. **2.4**

X 4. 3.6

Question ID : **7518978397**

Option 1 ID : **75189733586** Option 2 ID : **75189733585** Option 3 ID : **75189733587**

Option 4 ID: 75189733588

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.66 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)

(33, 56)

(44, 67)

Ans

✓ 1. (5, 28)

× 2. (11, 36)

X 3. (7, 38)

X 4. (12, 36)

Question ID : **7518978058**

Option 1 ID : **75189732232** Option 2 ID : **75189732229**

Option 3 ID: **75189732230**

Option 4 ID : 75189732231

Status : Answered





Q.67 The direction of the current in a coil of a motor is reversed by:

Ans

✓ 1. split ring

× 2. slip ring

× 3. axle

× 4. brushes

Question ID: 7518978159
Option 1 ID: 75189732634
Option 2 ID: 75189732635
Option 2 ID: 75189732636

Option 3 ID : **75189732636** Option 4 ID : **75189732633** Status : **Answered**

Chosen Option: 1

Q.68 Which of the following pairs will be in the same homologous series?

Ans

★ 1. CH₃OH and HCOOH

★ 2. C₂H₅OH and CH₃ COOH

★ 4. CH₃CHO and CH₃OH

Question ID : **7518973408**

Option 1 ID : **75189713630** Option 2 ID : **75189713629** Option 3 ID : **75189713632**

Option 4 ID : **75189713631** Status : **Answered**

Chosen Option: 3

Q.69 If 1.6: 0.6:: 0.6: x, find the value of x.

Ans

√ 1. 0.225

× 2. 0.275

× 3. 0.98

X 4. 0.25

Question ID: 7518978368

Option 1 ID: **75189733469**

Option 2 ID: **75189733471** Option 3 ID: **75189733472**

Option 4 ID : **75189733470**

Status: Answered





Q.70 Amongst six friends A, B, C, D, E and F, each has a different height. A is taller than only three other friends. B is taller than F. D is taller than only one friend. C is taller than D but shorter than F. Who is the second tallest among all the

Ans X 1. B

X 2. C

X 3. A

√ 4. F

Question ID: 7518979117

Option 1 ID: 75189736468 Option 2 ID: 75189736467 Option 3 ID: 75189736465 Option 4 ID: 75189736466

Status: Answered

Chosen Option: 4

Q.71 A concave mirror is made from a section of the surface of a sphere of radius 18.0 cm. According to New Cartesian Sign Convention, its principal focus is located at x = _

Ans X 1. 9 cm

× 2. −18 cm

√ 3. −9 cm

X 4. 18 cm

Question ID: 7518976594

Option 1 ID: 75189726376 Option 2 ID: 75189726373 Option 3 ID: 75189726374 Option 4 ID: 75189726375

Status: Answered

Chosen Option: 3

Q.72 P, Q, R, S, T, U, V and W 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 middle of the sides. R sits third to the left of U. R sits at one of the corners. T does not sit at any of the corners. V sits second to the right of T. T is not an immediate neighbour of R. Only three people sit between S and Q. S is an immediate neighbour of W. S does not sit at any of the middle of the sides. Who sits second to the left of V?

Ans

X 1. W

X 2. U

√ 3. T

X 4. S

Question ID: 7518978169

Option 1 ID: 75189732673 Option 2 ID: 75189732675 Option 3 ID: 75189732674

Option 4 ID: 75189732676

Status: Answered





Q.73 For a regular polygon, the sum of the interior angles is 200% more than the sum of its exterior angles. Each interior angle of the polygon measures x° . What is the value of x° ?

Ans X 1. 144°

√ 2. 135°

X 3. 140°

X 4. 108°

Question ID: 7518978474

Option 1 ID: 75189733893

Option 2 ID: 75189733894 Option 3 ID: 75189733895

Option 4 ID: 75189733896

Status: Answered

Chosen Option: 2

Q.74 , the first 'made in India' Petascale supercomputer that was deployed at IIT Roorkee in March 2022, has a supercomputing capacity of 1.66 Petaflops.

Ans X 1. PARAM Brahma

2. PARAM Ganga

3. PARAM Shakti

A PARAM Yukti

Question ID: 7518978493

Option 1 ID: 75189733970 Option 2 ID: 75189733969

Option 3 ID: 75189733971

Option 4 ID: 75189733972

Status: Answered

Chosen Option: 3

Q.75 In a code language, 'let's cook dinner' is written as 'li mu ha', 'dinner is late' is written as 'ha ve ka', and 'let's go out' is written as 'yo pa mu'. What is the code for the word 'cook' in that language?

Ans

× 1. ha

X 2. mu

X 3. ve

√ 4. li

Question ID: 7518977671

Option 1 ID: 75189730683

Option 2 ID: 75189730682

Option 3 ID: 75189730681

Option 4 ID: 75189730684

Status: Answered





Q.76 According to India State Forest Survey Report 2021, the forest cover in India is of the geographical area of the country.

Ans

1. 24.62%

× 2. 37.05%

× 3. 27.50%

× 4. 31.05%

Question ID: 7518979433 Option 1 ID: 75189737729 Option 2 ID: 75189737732 Option 3 ID: 75189737731 Option 4 ID: 75189737730 Status: Answered

Chosen Option: 4

Q.77 Which of the following organisms has a three chambered heart?

Ans X 1. Fish

X 3. Bird

× 4. Man

Question ID: 7518977831 Option 1 ID: 75189731321 Option 2 ID: **75189731323** Option 3 ID: 75189731324 Option 4 ID: 75189731322

Status: Answered

Chosen Option: 1

Q.78 Who among the following holds the record of presenting the maximum number of budgets in the history of independent India by presenting 10 budgets during his stint as union finance minister?

Ans

1 Morarji Desai

2. P Chidambaram

X 3. Yashwant Sinha

Y 4. Pranab Mukherjee

Question ID: 7518979403 Option 1 ID: 75189737609 Option 2 ID: **75189737610** Option 3 ID: 75189737612

Option 4 ID: 75189737611

Status: Answered

Q.79 Some features of a respiratory surface in animals are mentioned below. Select the INCORRECT option.

Ans X 1.

presence of a mechanism for moving air in and out of this area

- ✓ 2. Is very thick
- X 3. Has a large surface area

Question ID: 7518974589
Option 1 ID: 75189718356
Option 2 ID: 75189718354
Option 3 ID: 75189718353
Option 4 ID: 75189718355

Status : **Answered** Chosen Option : **3**

Q.80 Which of the following numbers will replace the question mark (?) in the given series?

12, 17, 27, 42, 62, ?

Ans

- × 1. 80
 - √ 2. 87
- X 3. 82
- X 4. 85

Question ID: 7518978297

Option 1 ID: 75189733185 Option 2 ID: 75189733188 Option 3 ID: 75189733186 Option 4 ID: 75189733187

Status: Answered

Chosen Option: 2

Q.81 C is twice as efficient as A, while B takes thrice as many days as C to do the same work. A takes 10 days to do the work alone. If they work in pairs [like (A, B), (B, C) and (C, A)], with (A, B) working on the first day, then (B, C) working on the second day and (C, A) working on the third day and continuing the cycle till the work gets completed, then how many days will be required to complete this work?

Ans

- \times 1. $6\frac{1}{9}$ days
- \times 2. $7\frac{5}{8}$ days
- \times 3. $5\frac{7}{8}$ days
- \checkmark 4. $4\frac{3}{8}$ days

Question ID : 7518976301

Option 1 ID : **75189725202** Option 2 ID : **75189725201** Option 3 ID : **75189725203**

Option 4 ID : **75189725204** Status : **Answered**





If the number 6484y6 is divisible by 8, then find the least value of y?

Ans 🔀 1. 7

X 2. 3

√ 3. **1**

X 4. 4

Question ID: 7518976240 Option 1 ID: 75189724959

Option 2 ID: 75189724957 Option 3 ID: 75189724958 Option 4 ID: 75189724960

Status: Answered

Chosen Option: 3

Which of the following is a characteristic of public goods?

Ans

X 1. Inelasticity

✓ 2. Non-rivalry

× 3. Elasticity

X 4. Excludable

Question ID: 7518974219

Option 1 ID: 75189716875 Option 2 ID: 75189716876 Option 3 ID: **75189716873** Option 4 ID: 75189716874 Status: Not Answered

Chosen Option: --

Q.84 The carbon and energy requirements of plants are fulfilled by which of the following processes?

Ans

★ 1 Transpiration

× 2. Translocation

× 3. Absorption

4. Photosynthesis

Question ID: 7518977794

Option 1 ID: 75189731173 Option 2 ID: 75189731176 Option 3 ID: 75189731174

Option 4 ID: **75189731175**

Status: Answered





Q.85 Which of the following has NO effect on the resistance of a conductor?

Ans X 1. Thickness

× 2. Temperature

× 3. Length

Question ID: 7518978132

Option 1 ID: 75189732526 Option 2 ID: 75189732527 Option 3 ID: 75189732525

Option 4 ID: 75189732528 Status: Answered

Chosen Option: 4

Q.86 Five friends P, Q, R, S, and T live in a five-storeyed building numbered from 1 (lowest floor) to 5 (top most floor). Each of them lives on different floor of the building. R lives on the floor below Q's floor. T does not live on the top floor. There are equal number of people living above and below the floor on which S lives. Two people live between the floors where T and R live. Q does not live above or below the floor where S lives. Who lives on second floor?

Ans

√ 1. P

X 2. S

X 3. T

X 4. R

Question ID: 7518977897

Option 1 ID: 75189731588 Option 2 ID: 75189731586 Option 3 ID: 75189731587 Option 4 ID: 75189731585

Status: Answered

Chosen Option: 1

Q.87 In 2021, who among the following was awarded the Major Dhyan Chand Khel Ratna award?

Ans

✓ 1. Ravi Kumar

× 2. PV Sindhu

X 3. Jwala Gutta

× 4. Tara Iyer

Question ID: 7518977140

Option 1 ID: 75189728560 Option 2 ID: 75189728559 Option 3 ID: 75189728558

Option 4 ID: 75189728557 Status: Answered

Q.88 The power of a convex lens of focal length 20 cm is _____.

Ans \times 1. -5.0 D

√ 2. 5.0 D

× 3. −0.05 D

X 4. 0.05 D

Question ID: 7518976635 Option 1 ID: 75189726539 Option 2 ID: 75189726540 Option 3 ID: 75189726537 Option 4 ID: 75189726538 Status: Answered

Chosen Option: 1

Q.89 Two resistors, $A(10 \Omega)$ and $B(20 \Omega)$, are connected in parallel. The combination is connected to a 6 V battery. The currents in A and B are respectively ______.

Ans X 1. 0.6 A and 0.6 A

2. 0.2 A and 0.2 A

X 4. 0.3 A and 0.6 A

Question ID: 7518976696
Option 1 ID: 75189726784
Option 2 ID: 75189726783
Option 3 ID: 75189726782
Option 4 ID: 75189726781
Status: Not Answered

Chosen Option: --

Q.90 If a:b=7:9 and b:c=15:7, then a:b:c is:

Ans × 1. 35:45:25

√ 2. 35:45:21

× 3. 21:35:45

× 4. 45:35:21

Question ID: **7518975835** Option 1 ID: **75189723340** Option 2 ID: **75189723337**

Option 3 ID : **75189723339** Option 4 ID : **75189723338**

Status : Answered



Q.91 The following table shows the expenditures of a company (in ₹ lakh) per annum over the given years. Study the following table carefully and answer the question that follows.

Year	Item of Expenditure					
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes	
2016	355	56	3.5	34.2	75	
2017	285	85	4.2	28.6	61	
2018	361	72	4.0	29.4	83	
2019	310	69	5.5	45.6	71	
2020	395	76	5.1	38.2	98	

Total expenditure on all the items in 2018 was what percent of the total expenditure of all the items in 2020?

Ans

√ 1. 89.73%

× 2. 87.93%

× 3. 88.63%

X 4. 89.93%

Question ID: 7518979067

Option 1 ID : **75189736266** Option 2 ID : **75189736267**

Option 3 ID: **75189736268**

Option 4 ID : **75189736265** Status : **Answered**

Chosen Option : 1

Q.92 Refer to the following letter, number, symbol series and answer the question.

(Left) H ^ 2 K L 4 D & 3 S D @ 5 7 % J B # S (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

Ans

X 1. 4

X 2. 2

X 3. 1

√ 4. 3

Question ID: 7518979164

Option 1 ID: 75189736656

Option 2 ID: 75189736654

Option 3 ID: **75189736653**

Option 4 ID: **75189736655**

Status : Answered





Q.93 Which of the following cellular components is absent in most of the prokaryotes?

Ans X 1. Ribosome

× 2. Cell wall

X 3. Cytoplasm

4. Nuclear membrane

Question ID: 7518977783
Option 1 ID: 75189731130
Option 2 ID: 75189731131
Option 3 ID: 75189731132
Option 4 ID: 75189731129
Status: Answered

Chosen Option: 4

Q.94 Magnetic field lines at north pole of a magnet are:

Ans X 1. parallel lines

× 2 lines merging at the pole

× 3. intersecting lines

Question ID: 7518978148
Option 1 ID: 75189732589
Option 2 ID: 75189732591
Option 3 ID: 75189732592
Option 4 ID: 75189732590

Status : Answered Chosen Option : 4

Q.95 Under the 'Jiyo Parsi' scheme launched by the Government of India Rupees is the maximum amount of childcare support per child per month only up to the age of 18 years as per the guidelines w.e.f. 22nd Oct 2021.

Ans × 1. 15,000

2. 8000

X 3. 10,000

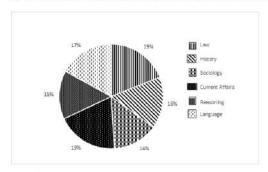
× 4. 12,000

Question ID: 7518979368
Option 1 ID: 75189737472
Option 2 ID: 75189737469
Option 3 ID: 75189737470
Option 4 ID: 75189737471

Status : Not Answered

Q.96 Study the given pie-chart and answer the question that follows.

The pie-chart shows the percentage of questions asked in a competitive examination.



If the total number of question asked in the examination was 350, how many questions were asked in History, Law and Language taken together?

Ans

× 1. 171.50

× 2. 111.50

× 3. 122.50

4. 182 .00

Question ID: 7518978095

Option 1 ID : **75189732380** Option 2 ID : **75189732379**

Option 3 ID: 75189732377

Option 4 ID: **75189732378**

Status : Answered

Chosen Option: 4

Q.97 Three times the present age of Renu is 11 years more than two times the present age of Manay, and three times the present age of Manay is 9 years less than four times the present age of Renu. The sum of the present ages (in years) of Renu and Manay is:

Ans

√ 1. 32

× 2. 31

X 3. 37

X 4. 29

Question ID: 7518978443

Option 1 ID: 75189733771

Option 2 ID: **75189733770**

Option 3 ID: **75189733772**

Option 4 ID: 75189733769

Status: Answered





Q.98 What is a possible reason for young females becoming teen mothers?

Ans X 1. Good education to the females

✓ 2. Familial and societal pressure

X 3. Good support from family and society

× 4. Females belonging to educated families

Question ID: 7518974632 Option 1 ID: 75189718526 Option 2 ID: 75189718525 Option 3 ID: 75189718528 Option 4 ID: 75189718527

Status: Answered

Chosen Option: 2

Q.99 Sanjay is 25 years older than his son and Sanjay's wife is 65 years old. If the average age of all the three members of this family is 58 years, then find the age of the son.

Ans X 1. 45 years

× 2. 43 years

× 3. 41 years

Question ID: 7518975937

Option 1 ID: 75189723747 Option 2 ID: 75189723748 Option 3 ID: 75189723746

Option 4 ID: 75189723745 Status: Answered

Chosen Option: 4

Q.100 The surface area of a cuboid having length 6 cm, breadth 7 cm and height 8 cm is:

X 1. 592 cm²

× 2. 492 cm²

√ 3. 292 cm²

X 4. 392 cm²

Question ID: 7518978795

Option 1 ID: 75189735177 Option 2 ID: 75189735178

Option 3 ID: **75189735180**

Option 4 ID: 75189735179

Status: Answered