

RRB GROUP - D SHIFT - 3 (01-09-2022)



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



01/09/2022
5:00 PM - 6:30 PM
Level 1

^{*} Note

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

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

Section: Level 1

Q.1 HARKED is related to RAHDEK in a certain way. In the same way, RACIAL is related to CARLAI. To which of the following is NIMBLE related, following the same logic?

- Ans X 1. NIMELB
 - ✓ 2. MINELB
 - X 3. NIMLEB
 - X 4. MINLEB

Question ID: 7518979028

Option 1 ID: 75189736109

Option 2 ID: 75189736110

Option 3 ID: 75189736111

Option 4 ID: 75189736112 Status: Answered

Chosen Option : ${f 2}$

Q.2 If an exterior angle of a regular polygon is 40°, then the number of sides in the regular polygon is:

1. 9

X 2. 7

X 3. 8

X 4. 10

Question ID: **7518978800**

Option 1 ID: 75189735198

Option 2 ID: 75189735200

Option 3 ID: 75189735199

Option 4 ID: 75189735197

Status: Answered



Q.3 Which of the following formulas is used to determine the Gross Fiscal Deficit?

Ans

★ 1. Total Receipt – Total Expenditure

Capital Receipt - (Revenue Expenditure + Capital Expenditure)

Total Expenditure – (Revenue Receipts + Non-debt creating Capital Receipts)

★ 4. Total Expenditure – (Revenue Receipts + Capital Receipt)

Question ID: 7518977220 Option 1 ID: 75189728880 Option 2 ID: 75189728879 Option 3 ID: **75189728877** Option 4 ID: 75189728878 Status : **Answered**

Chosen Option: 4

Q.4 Pole F is to the north of pole B and west of pole E. Pole R is to the east of pole E and north of pole U. What is the position of pole R with respect to pole B?

Ans X 1. North

✓ 2. North-east

X 3. South-east

× 4. South

Question ID: 7518977371 Option 1 ID: 75189729481 Option 2 ID: 75189729482 Option 3 ID: 75189729484 Option 4 ID: 75189729483

Status: Answered

Chosen Option : 2

What is the waste product in photosynthesis?

× 1. Water

√ 2. Oxygen

X 3. Glucose

X 4. Carbon dioxide

Question ID: 7518977807

Option 1 ID: 75189731225

Option 2 ID: 75189731226

Option 3 ID: 75189731228

Option 4 ID: 75189731227 Status: Answered

Q.6 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the

Statement: $X \ge E \ge U \le W = T \ge J \le L$

Conclusions:

I. T < E

II. X < U

Ans ★ 1. Only conclusion II is true

✓ 2. Neither conclusion I nor II is true

X 3. Only conclusion I is true

A. Both conclusions I and II are true

Question ID: 7518974957

Option 1 ID: 75189719826

Option 2 ID: 75189719828

Option 3 ID: 75189719825 Option 4 ID: 75189719827

Status : **Answered**

Chosen Option : 2

Who suggested that the origin of life must have been from simple inorganic substances?

Ans

★ 1. Stanley L Miller

X 2. Gregor Mendel

X 3. Charles Darwin

4. JBS Haldane

Question ID: 7518974441

Option 1 ID: 75189717764

Option 2 ID: 75189717761 Option 3 ID: 75189717762

Option 4 ID: 75189717763

Status: Answered

Chosen Option: 3

Q.8 Which of the following is the most electronegative element?

Ans X 1. S

X 2. Al

✓ 3. Cl

× 4. Mg

Question ID: 7518973532

Option 1 ID: 75189714126

Option 2 ID: 75189714128

Option 3 ID: 75189714125

Option 4 ID: 75189714127

Status: Answered Chosen Option: 3



Q.9 At which place ARTPARK, India's first AI and Robotics Technology Park was launched with a seed funding of ₹230

Ans

X 1. Chennai

× 2. Lucknow

X 4. Mumbai

Question ID: 7518973962

Option 1 ID: 75189715846

Option 2 ID: 75189715847

Option 3 ID: 75189715845

Option 4 ID: 75189715848

Status: Answered Chosen Option : 3

If $x^2 - 4x + 4 = 0$, then the value of $x^3 + x^2 + \frac{1}{x} + \frac{1}{x^2}$ is:

Ans X 1. 13.75

✓ 2. 12.75

X 3. 15.75

× 4. 14.75

Question ID: 7518978627

Option 1 ID: 75189734507

Option 2 ID: 75189734508

Option 3 ID: 75189734505 Option 4 ID: 75189734506

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.11 When a 24 V potential is applied across a conductor and 96 mA current is flowing through it then the resistance of the conductor is:

Ans

√ 1. 250 Ω

× 2. 0.250 Ω

× 3. 40 Ω

× 4. 0.04 Ω

Question ID: 7518978128

Option 1 ID: 75189732512

Option 2 ID: 75189732510

Option 3 ID: 75189732509

Option 4 ID: 75189732511

Status : **Answered**

Q.12 The State Election Commission does NOT conduct elections to _____

Ans

- ✓

 1. State Legislative Assemblies
- ★ 2. Gram Panchayats
- X 3. Municipal Corporations
- ★ 4. Town Municipal Councils

Question ID: **7518978606**

Option 1 ID: 75189734423

Option 2 ID: 75189734424

Option 3 ID: 75189734422

Option 4 ID: 75189734421 Status : Answered

Chosen Option: 4

Q.13 In a code language, BRAIN is coded as YIZRM and COACH is coded as XLZXS. What is the code for ENTRY in that language?

Ans X 1. UNGIB

× 2. UMFIB

X 3. VNFIB

Question ID: 7518979009

Option 1 ID: 75189736036

Option 2 ID: 75189736033

Option 3 ID: 75189736034 Option 4 ID: 75189736035

Status : **Answered**

Chosen Option: 4

$$^{Q.14}$$
 $C_6H_{12}O_6$ (aq) + $6O_2$ (aq) $\rightarrow 6$ CO_2 (aq) + $6H_2O$ (l) + energy

The special name for the given reaction is:

- Ans X 1. metabolism
 - × 2. digestion

 - ★ 4. energy conversion

Question ID: 7518973575

Option 1 ID: 75189714299

Option 2 ID: 75189714298

Option 3 ID: 75189714297

Option 4 ID: 75189714300

Status : **Answered**

Q.15 If the ratio of two numbers is 4:3 and the product of their LCM and their HCF is 432, then the sum of the reciprocals of the LCM and the HCF is:

Ans

- √ 1. ¹³/₇₂

- \times 4. $\frac{13}{7}$

Question ID: 7518975828

Option 1 ID: 75189723309

Option 2 ID: 75189723312

Option 3 ID: 75189723310

Option 4 ID: 75189723311 Status: Answered

Chosen Option: 1

 $^{Q.16}$ Which of the following has the highest boiling point?

- Ans X 1. NaCl
 - X 2. LiCl
 - X 3. CaCl₂

√ 4. CaO

Question ID: 7518973492 Option 1 ID: 75189713966 Option 2 ID: 75189713965

Option 3 ID: 75189713967 Option 4 ID: 75189713968 Status: Answered

Chosen Option: 1

Q.17 Which of the following interchanges of numbers would make the given equation correct?

$$5 \times 15 \div 5 + 22 - 18 = 25$$

- Ans X 1. 22, 18
 - **√** 2. 22, 25
 - **X** 3. 5, 15
 - × 4. 5, 25

Question ID: **7518977760**

Option 1 ID: **75189731037**

Option 2 ID: **75189731039**

Option 3 ID: 75189731038

Option 4 ID: 75189731040 Status: Answered

Q.18 There are eight persons P, Q, R, S, T, U, V and W, sitting around a rectangular table in such a way that four of them sit at four corners of the table while the other four sit in the middle of each of the four sides. All the eight persons face toward the centre. T sits third to the right of V, but T is not the immediate neighbour of U. R sits second to the right of Q. S sits second to the right of U. P sits third to the right Q. Who among the following is sitting 4th to the right of P?

Ans

X 1. W

X 2. R

√ 3. S

X 4. U

Question ID: 7518978950

Option 1 ID: 75189735798

Option 2 ID: 75189735797

Option 3 ID: 75189735800

Option 4 ID: 75189735799

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.19 A sum of ₹36,000 deposited at a certain rate of compound interest, compounded annually, becomes three times itself after 6 years. How much will it become after 18 years at the same rate of compound interest?

Ans

√ 1. ₹9,72,000

×2. ₹8,72,000

× 3. ₹10,72,000

× 4. ₹7,72,000

Question ID : **7518978678** Option 1 ID : **75189734710**

Option 2 ID : **75189734711**

Option 3 ID : **75189734709**

Option 4 ID : **75189734712**

Status : **Answered**

Chosen Option: 1

Q.20 A conductor is connected to a battery of 6V. Let V_1 be the potential difference across the conductor. When a battery of 9 V is connected, the potential difference becomes V_2 . (V_1/V_2) is:

Ans

X 1.

X 2. 1.5

X 3. **3**

√ 4. 2/3

Question ID : 7518976674

Option 1 ID: 75189726694

Option 2 ID: **75189726693**

Option 3 ID : **75189726696**

Option 4 ID : **75189726695** Status : **Answered**

Q.21 The following table shows the marks scored by A, B, C and D in four subjects i.e., Mathematics, Hindi, English and Science. Marks given are out of 100. Study the table and answer the question.

Subject / Student	A	В	c	D
Mathematics	94	85	83	78
Hindi	86	78	74	82
English	75	73	70	74
Science	92	88	66	68

What is the ratio of 'the sum of the marks scored by A in Mathematics and Hindi' to 'the sum of the marks scored by C in Science and Hindi'?

Ans X 1. 8:9

X 2. 5:3

√ 3. 9:7

X4.1:2

Question ID: 7518978340 Option 1 ID: 75189733358

Option 2 ID: 75189733359 Option 3 ID: 75189733360 Option 4 ID: 75189733357

Status: Answered Chosen Option : 3

Q.22 Which gases are evolved during complete decomposition of ferrous sulphate crystals?

Ans

× 1. Only *SO*₃

 \checkmark 2. Both SO_2 and SO_3

X 3. Only *SO*₂

X 4. **0**₂

Question ID: 7518978118

Option 1 ID: 75189732470

Option 2 ID: 75189732471 Option 3 ID: 75189732469

Option 4 ID: 75189732472

Status: Answered

Q.23 Aashi, by mistake used an unknown solution to clean her clothes, in place of detergent. Her clothes faded. The solution Ans ★ 1 baking soda powder × 2. talcum powder × 4. common salt Question ID: 7518973474 Option 1 ID: 75189713894 Option 2 ID: 75189713896 Option 3 ID: 75189713895 Option 4 ID: 75189713893 Status : **Answered** Chosen Option: 1 Q.24 Six girls, P, Q, R, S, T and V, are sitting in a circle, facing the centre of the circle. P sits to the immediate right of Q. S is 3^{rd} to the right of P, and to the immediate left of R. V and T are immediate neighbours. T is second to the left of R. Who is to the immediate left of V? Ans X 1. Q X 2. T X 3. S √ 4. P Question ID: 7518978947 Option 1 ID: 75189735785 Option 2 ID: 75189735787 Option 3 ID: 75189735788 Option 4 ID: 75189735786 Status: Answered Chosen Option: 4 Q.25 In a chemical equation, the arrow head points towards: ✓ 1. products × 2. Solvent X 3. Reactants * 4. reaction conditions Question ID: 7518978112 Option 1 ID: 75189732447 Option 2 ID: 75189732446 Option 3 ID: 75189732448 Option 4 ID: 75189732445 Status: Answered Chosen Option: 1



Q.26 This question is based on the five, three-digit numbers given below.

(Left) 534 945 317 354 781 (Right)

(Example: 697 - first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?

Ans X 1. 3

√ 2. **0**

X 3. 1

X 4. 2

Question ID: **7518979175**

Option 1 ID: 75189736700 Option 2 ID: 75189736697

Option 3 ID: 75189736698 Option 4 ID: 75189736699

Status : **Answered**

Chosen Option: 2

Q.27 Which of the following parts of the human body is/are NOT lined with squamous epithelium?

Ans

× 1. Mouth

× 2. Skin

X 3. Oesophagus

Question ID: 7518977817

Option 1 ID: **75189731265**

Option 2 ID: 75189731268 Option 3 ID: 75189731266

Option 4 ID: 75189731267

Status : **Answered**



Q.28 Study the following arrangement and answer the question given below. All numbers given below are 2 digit numbers.

85 34 @ 36 # 56 67 * 79 \$ 42 48 % 32 81 Ø 57 38 ^ 73 / 51

What will be the sum of those odd numbers which are followed by symbols and even numbers which are preceded by symbols?

- Ans X 1. 548
 - × 2. 498
 - **X** 3. 523
 - **4.** 466

Question ID : **7518979003**

Option 1 ID: 75189736009

Option 2 ID: **75189736011**

Option 3 ID: 75189736010

Option 4 ID: 75189736012

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.29 India's First Five Year Plan covered the period from _____, which mainly focused in the development of the primary sector.

- Ans X 1. 1956 to 1961
 - × 2. 1947 to 1952

 - × 4. 1949 to 1954

Question ID: 7518974060

Option 1 ID: 75189716237

Option 2 ID: 75189716238

Option 3 ID: 75189716239

Option 4 ID: 75189716240

Status : Answered Chosen Option: 3

Q.30 If α and β are the roots of the equation $6x^2+x-15=0$, where $\alpha \geq \beta$, then the value of $(\alpha-\beta)$ is:

Ans

Question ID: **7518978451**

Option 1 ID: 75189733803

Option 2 ID: 75189733804

Option 3 ID: **75189733801**

Option 4 ID: 75189733802 Status : Answered

Q.31 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number. 13:31::15:33::20:? Ans X 1. 36 X 2. 40 **√** 3. 38 **X** 4. 32 Question ID: 7518978310 Option 1 ID: 75189733238 Option 2 ID: 75189733237 Option 3 ID: 75189733240 Option 4 ID: 75189733239 Status : **Answered** Chosen Option: 2 Q.32 An object of size 1.0 cm is placed in front of a concave mirror of focal length 16 cm, at a distance of 24 cm. The image formed is _____ and its height is __ Ans ✓ 1 inverted, 2.0 cm × 2. erect, 0.4 cm × 3. erect, 2.0 cm × 4. inverted, 0.4 cm Question ID: 7518976610 Option 1 ID: 75189726437 Option 2 ID: 75189726440 Option 3 ID: 75189726438 Option 4 ID: 75189726439 Status: Answered Chosen Option: 1



Q.33 How many languages are included in the Indo-Aryan language family as per Family-Wise Grouping of The 122 Scheduled and Non-Scheduled Languages - 2001? Ans X 1. 12 X 2. 15 **√** 3. **21** X 4. 25 Question ID: 7518973822 Option 1 ID: 75189715285 Option 2 ID: 75189715287 Option 3 ID: 75189715286 Option 4 ID: 75189715288 Status : Answered Chosen Option : 3 Q.34 'Loo' winds are usually associated with __ in India. ★ 1. retreating monsoons ★ 2. advancing monsoons × 3. winter seasons 4. summer seasons Question ID: **7518978568** Option 1 ID: **75189734272** Option 2 ID: **75189734271** Option 3 ID: 75189734270 Option 4 ID: 75189734269 Status : **Answered** Chosen Option: 4



Q.35 The sum of two times the present age of A and three times the present age of B is 106 years. Four times the present age of B exceeds three times the present age of A by 11 years. What will be the sum of the ages (in years) of A and B, 4 $\,$ years from now? Ans √ 1. 51 X 2. 43 X 3. 47 X 4. 49 Question ID: 7518978444 Option 1 ID: 75189733776 Option 2 ID: 75189733773 Option 3 ID: 75189733774 Option 4 ID: 75189733775 Status: Answered Chosen Option: 1 Q.36 A 280 m long train overtakes a man moving at a speed of 8 km/h (in same direction) in 16 seconds. How much time (in seconds) will it take this train to completely cross another 380 m long train, moving in the opposite direction at a speed of 37 km/h? Ans X 1. 25 √ 2. 22 **X** 3. 20 **×** 4. 28 Question ID: 7518978399 Option 1 ID: 75189733595 Option 2 ID: 75189733594 Option 3 ID: 75189733593 Option 4 ID: 75189733596 Status : Not Attempted and Marked For Review Chosen Option: --Q.37 Which of the following events related to India's freedom struggle is matched correctly with its year of occurence? Ans 1932 - Dr. B.R. Ambedkar, organized the Dalits into the Depressed Classes Association 1922 - Mahatma Gandhi halted the Non-cooperation Movement on the national level as a direct result of the Chauri 1918 – General Dyer opened fire at a gathering at Jallianwala Bagh **X** 4. 1928 - The Indian National Congress passed the resolution on Purna Swaraj Ouestion ID: 7518978512 Option 1 ID: 75189734047 Option 2 ID: 75189734045 Option 3 ID: 75189734048 Option 4 ID: 75189734046 Status: Answered Chosen Option: 2



Q.38 When Mendel studied the inheritance of two traits in the pea plant, in what phenotypic ratio did he get for the plants in F2 generation? Ans $\sqrt{1.9}:3:3:1$ X 2. 9:7 X3.9:3:2:2 X4.9:4:2:1 Question ID: 7518974638 Option 1 ID: 75189718552 Option 2 ID: 75189718549 Option 3 ID: 75189718551 Option 4 ID: 75189718550 Status : Not Attempted and Marked For Review Chosen Option : --Q.39 When resistors are connected in series combination, then potential difference across each resistor will be: Ans ★ 1. Proportional to thickness ✓ 2. Proportional to resistance X 3. Equally divided **×** 4. Similar Question ID: 7518978136 Option 1 ID: 75189732542 Option 2 ID: 75189732543 Option 3 ID: 75189732541 Option 4 ID: 75189732544 Status: Answered Chosen Option: 4 Consumer theory is how people decide to spend their Ans X 1. time × 2. relations 🗙 3. energy 4. money Question ID: 7518977496 Option 1 ID: 75189729982 Option 2 ID: 75189729981 Option 3 ID: 75189729984 Option 4 ID: 75189729983 Status : Not Attempted and Marked For Review Chosen Option : --



Find the value of $529 \div 23 \times 61 - 1403$.

Ans × 1. 3

X 2. 1

√ 3. **0**

X 4. 2

Question ID: **7518975788**

Option 1 ID: 75189723152

Option 2 ID: 75189723149

Option 3 ID: 75189723151

Option 4 ID: 75189723150

Status: Answered

Chosen Option: 3

Q.42 A unicellular organism has a definite shape, takes food in at a specific spot, and uses hair like cilia to move food to that spot. Identify the organism,

Ans X 1. Lice

✓ 2. Paramaecium

× 3. Euglena

X 4. Plasmodium

Question ID: 7518974572

Option 1 ID: 75189718285

Option 2 ID: 75189718286

Option 3 ID: 75189718288

Option 4 ID: 75189718287

Status : **Answered**

Chosen Option : 2

Q.43 The water currents flowing from tropical zones of lower latitudes to higher temperate and sub-polar zones are known as

Ans X 1. tides

✓ 2. warm currents

× 3. water drift

× 4. cold currents

Question ID: 7518978898

Option 1 ID: 75189735592

Option 2 ID: 75189735590

Option 3 ID: 75189735591

Option 4 ID: 75189735589

Status : Not Attempted and Marked For Review

Q.44 A car covers certain distance in $2\frac{1}{4}$ hours at 36 miles/h and another distance in $1\frac{3}{4}$ hours at 56 miles/h. Find the total distance (in miles) travelled by the car.

Ans X 1. 200

X 2. 159

X 3. 139

√ 4. 179

Question ID: 7518976088

Option 1 ID: 75189724352

Option 2 ID: 75189724350

Option 3 ID: 75189724349

Option 4 ID: 75189724351

Status: Marked For Review

Chosen Option: 4

Q.45 The sides of a triangle are 15 cm, 28 cm, and 41 cm. What is the length of its altitude corresponding to the side with a length of 28 cm?

Ans X 1. 14 cm

× 2. 10 cm

X 3. 12 cm

√ 4. 9 cm

Question ID: 7518978461

Option 1 ID: 75189733844

Option 2 ID: 75189733842

Option 3 ID: **75189733843**

Option 4 ID: 75189733841

Status: Answered

Chosen Option: 2

Q.46 If
$$x^2 - 2x + 1 = 0$$
, then it has:

Ans X 1. four roots

× 2. three roots

× 4. five roots

Question ID: 7518975943

Option 1 ID: 75189723771

Option 2 ID: 75189723770

Option 3 ID: 75189723769

Option 4 ID: 75189723772

Status : **Answered**

Q.47 Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.

XY_YZ__XYY__ABXY__ZAB__YYZA_

Ans X 1. YZBYZYYXYB

★ 2. YABYZYYXYY

X3. XABYZYYXYB

XABYZYYXYB

X → XABYZYYYXYB

X → XABYZYYYXYYXYB

X → XABYZYYYXYB

X → XABYZYYYXYB

X → XABYZYYYXYB

X → XABYZYYYXYB

X → XAB

4. YABYZYYXYB

Question ID: 7518977955

Option 1 ID: 75189731820

Option 2 ID: 75189731817

Option 3 ID: 75189731818 Option 4 ID: 75189731819

Status: Answered

Chosen Option: 4

Q.48 Which of the following numbers will replace the question mark (?) in the given series?

4, 21, 47, 100, 198, ?

Ans 🚀 1. 359

× 2. 355

X 3. 395

X 4. 399

Question ID: 7518977385

Option 1 ID: 75189729538

Option 2 ID: 75189729539

Option 3 ID: 75189729537

Option 4 ID: 75189729540 Status : **Answered**

Chosen Option: 1

Q.49 Five persons, P, Q, R, S and T travelled in different months of the same year viz. January, February, March, April and

R travelled in February. Only one person travelled between R and S. Only three people travelled between Q and T. T travelled in a month after S. Who among them travelled in May?

Ans X 1. P

√ 2. T

X 3. **S**

X 4. **Q**

Question ID: **7518978190**

Option 1 ID: 75189732760

Option 2 ID: 75189732759

Option 3 ID: 75189732758

Option 4 ID: 75189732757

Status : Not Attempted and Marked For Review

Q.50 Which of the following CANNOT be explained using the phenomenon of scattering of light?

Ans

★ 1. Red colour used for danger signals

★ 2. Blue colour of sky

X 4. Reddening of sun during sunrise

Question ID : **7518975441**

Option 1 ID : **75189721761**

Option 2 ID: **75189721763**

Option 3 ID: **75189721764**

Option 4 ID: 75189721762

Status : **Answered**

Chosen Option: 1

Q.51 From the given numbers 452, 243, 361, 579 and 674, if in each number, the first and the second digits of each number are interchanged, than which of the following will be the highest number?
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

Ans

√ 1. 674

X 2. 361

X 3. 452

X 4. 579

Question ID: 7518979047

Option 1 ID: 75189736188

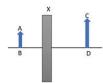
Option 2 ID: 75189736186

Option 3 ID: **75189736185**

Option 4 ID : **75189736187** Status : **Answered**

Chosen Option : 1

Q.52 An optical device X forms an image CD for an object AB as shown in the figure. The device X is a:



Ans

X 1. convex lens

× 2. convex mirror

× 4. concave lens

Question ID : **7518975354**

Option 1 ID: **75189721415**

Option 2 ID: 75189721413

Option 3 ID: 75189721414

Option 4 ID: 75189721416

Status : **Answered**



Q.53 The simplified value of $\frac{(0.11)^2 + (0.06)^2 + (0.031)^2}{(0.011)^2 + (0.006)^2 + (0.0031)^2}$ is:

X 1. 1

× 2. 1000

X 3. 10

4 100

Question ID: 7518978626 Option 1 ID: 75189734504

Option 2 ID: 75189734501 Option 3 ID: 75189734503

Option 4 ID: 75189734502 Status : **Answered**

Chosen Option: 4

In which Indian state will you find The Sumi Baptist Church?

Ans X 1. Manipur

✓ 2. Nagaland

X 3. Kerala

X 4. Goa

Question ID: 7518974195

Option 1 ID: 75189716779

Option 2 ID: 75189716780

Option 3 ID: 75189716777

Option 4 ID: 75189716778 Status: Answered

Chosen Option: 3

Which of the following issues is NOT a problem concerning large dams?

★ 1. Deforestation and the loss of biological diversity

2. Low benefits compared to costs involved

★ 4. Displacement of people

Question ID: 7518977879

Option 1 ID: 75189731513

Option 2 ID: 75189731516

Option 3 ID: 75189731515

Option 4 ID: 75189731514

Status : Not Attempted and Marked For Review



 $\textbf{Q.56} \quad \text{Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true,} \\$

 $even \ if \ they \ seem \ to \ be \ at \ variance \ with \ commonly \ known \ facts, \ decide \ which \ of \ the \ conclusions \ logically \ follow(s)$

from the statements.

Statements:

- 1. All envelopes are letters.
- 2. No letter is a paper.
- 3. Some papers are notebook.

- I. Some papers are envelopes.
- II. All notebooks can never be letters.
- III. Some notebooks are envelopes.

Ans

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

Question ID: 7518977912

Option 1 ID: 75189731646

Option 2 ID: 75189731645

Option 3 ID: 75189731648

Option 4 ID: 75189731647 Status: Answered

Chosen Option: 3

Q.57 A man covers distances of 300 km, 225 km, and 375 km at the speed of 15 km/h, x km/h and 30 km/h, respectively. If his average speed for the whole journey is 20 km/h, then what is the value of x?

- Ans × 1. 20
 - X 2. 15
 - **√** 3. 18
 - × 4. 24

Question ID: 7518978413

Option 1 ID: 75189733651

Option 2 ID: 75189733649

Option 3 ID: 75189733650

Option 4 ID: 75189733652

Status : Not Attempted and Marked For Review

Chosen Option : --

 $\textbf{Q.58} \quad \text{Which of the following numbers will replace the question mark (?) in the given series? }$ 99, 101, 104, 109, 116, ? Ans √ 1. 127 × 2. 128 X 3. 132 X 4. 124 Question ID: 7518978302 Option 1 ID: **75189733208** Option 2 ID: 75189733206 Option 3 ID: **75189733205** Option 4 ID: 75189733207 Status : **Answered** Chosen Option: 1 Q.59 In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement. Statement: $H \geq Y < T \leq L = X > W$ Conclusions: $1.\;H \ge T$ 2. H < T $3.Y \le X$ 4. L = WAns × 1. 2 √ 2. 3 **X** 3. 4 **X** 4. 1 Question ID: **7518977328** Option 1 ID: 75189729310 Option 2 ID: 75189729311 Option 3 ID: 75189729312 Option 4 ID: 75189729309 Status: Answered Chosen Option : 2



Question ID : 7518975635
Option 1 ID : 75189722539
Option 2 ID : 75189722537
Option 3 ID : 75189722540
Option 4 ID : 75189722538
Status : Answered
Chosen Option : 2

Q.61 Seven boxes A, B, C, D, E, F and G are kept one above the other, not necessarily in the same order. Box E is the topmost box. Box G is the third box above box A. Box F is immediately above box G. Box B is immediately below box C. There is only one box between box B and box D.

How many boxes are there between D and G?

Ans X 1. Four

✓ 2. Three

× 4. ₹23.5/kg

X 3. One

X 4. Two

Question ID : **7518978961**

Option 1 ID: **75189735844** Option 2 ID: **75189735843**

Option 3 ID : **75189735841**

Option 4 ID : **75189735842**

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.62 How many such pairs of letters are there in the word FRANCK (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

Ans X 1. One

√ 2. Two

× 3. None

X 4. Three

Question ID : **7518978243**

Option 1 ID: 75189732970

Option 2 ID: **75189732971**

Option 3 ID: **75189732969**

Option 4 ID : **75189732972** Status : **Answered**



Q.63 Some statements about food chain and energy flow through an ecosystem are given below. Select the INCORRECT statement

Ans

★1. Food webs include two or more food chains.



The lower the trophic level at which an organism feeds, the less energy it has.

- X 3. All organisms that are not producers are consumers.
- ★ 4. A single organism can feed at several trophic levels.

Question ID: 7518974661

Option 1 ID: 75189718642

Option 2 ID: 75189718644

Option 3 ID: 75189718641

Option 4 ID: 75189718643

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.64 In the year 2022, ______ player Mithali Raj announced her retirement.

Ans

✓¹ cricket

× 2. hockey

× 3. badminton

× 4. football

Question ID : **7518976475**

Option 1 ID: 75189725899

Option 2 ID: **75189725898**

Option 3 ID: **75189725897**

Option 4 ID : **75189725900** Status : **Answered**

Chosen Option : 1

Q.65 All 50 students of a class are standing in a straight row facing north. Rakesh is 17th from the right end, while Kamlesh is 22nd from the left end. How many students are standing between Rakesh and Kamlesh?

Ans

√ 1. 11

X 2. 16

X 3. **8**

X 4. 5

Question ID: 7518978179

Option 1 ID: 75189732713

Option 2 ID: **75189732715**

Option 3 ID: **75189732716**

Option 4 ID : **75189732714**Status : **Answered**

Q.66 Refer to the following letter series and answer the question.

JFVIEJEM VEFOJVEJJVMEX

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed

Ans

√ 1. Two

× 2. Four

X 3. One

X 4. Three

Question ID: 7518978254

Option 1 ID: 75189733014

Option 2 ID: 75189733016

Option 3 ID: 75189733013 Option 4 ID: 75189733015

Status: Answered

Chosen Option: 1

Q.67 There are 4 pipes attached to a tank. Two to fill the tank and the other two to transfer the water into a cistern. The first two pipes can fill the tank in 40 sec and 80 sec, respectively, when opened alone, while the last two can empty in 80 sec and 160 sec, respectively, when opened alone. If all the pipes are opened together, in how much time will the tank be filled?

Ans × 1. 16.8 sec

× 2. 24.44 sec

X 4. 21.2 sec

Ouestion ID: 7518975663

Option 1 ID: 75189722652

Option 2 ID: 75189722650

Option 3 ID: **75189722651** Option 4 ID: 75189722649

Status: Answered

Chosen Option: 3

Q.68 In a certain code language, 'ENTER' is written as 'UBWKH' and 'SHIFT' is written as 'WCLEV'. How will 'TOUCH' be written in that language?

Ans

✓ ¹ KZXLW

× 2. KFXRW

X 3. WLXZK

X 4. WXLKZ

Question ID: **7518977355**

Option 1 ID: 75189729418

Option 2 ID: 75189729420

Option 3 ID: 75189729419 Option 4 ID: 75189729417

Status : Not Attempted and Marked For Review

Q.69 Which of the following mountain ranges is NOT a part of the Himalayan mountains? Ans X 1. Zanskar Range 2. Pir Panjal Range X 4. Karakoram Range Question ID: 7518974271 Option 1 ID: 75189717081 Option 2 ID: 75189717082 Option 3 ID: 75189717084 Option 4 ID: 75189717083 Status: Answered Chosen Option: 3 Q.70 The Ministry of Civil Aviation released the Draft National Air Sports Policy, 2022 with a vision to make India one of the top Air Sports nations by the year _ X 1. 2035 × 2. 2032 **3.** 2030 **X** 4. 2027 Question ID: 7518974132 Option 1 ID: 75189716528 Option 2 ID: 75189716527 Option 3 ID: 75189716526 Option 4 ID: 75189716525 Status: Answered Chosen Option: 3 Q.71 Mendeleev's period table examined the relationship between the atomic mass of elements and their Ans ✓ 1. physical and chemical properties both × 2. chemical properties only X 3. physical properties only X 4. colour Question ID: 7518973508 Option 1 ID: 75189714031 Option 2 ID: 75189714030 Option 3 ID: 75189714029 Option 4 ID: 75189714032 Status: Answered



Q.72 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. 2:10::3:30::4:? Ans × 1. 70 **√** 2. **68 X** 3. 72 × 4. 58 Question ID: 7518978314 Option 1 ID: 75189733253 Option 2 ID: 75189733256 Option 3 ID: 75189733255 Option 4 ID: 75189733254 Status: Answered Chosen Option: 2 Q.73 The sum of two positive numbers is 45 and their difference is 19. What are the numbers? Ans X 1. 25, 20 √ 2. 32, 13 X 3. 30, 15 **×** 4. 31, 15 Question ID: 7518975704 Option 1 ID: 75189722813 Option 2 ID: 75189722814 Option 3 ID: 75189722816 Option 4 ID: 75189722815 Status: Answered Chosen Option: 2 Q.74 In India, the constitutional head of the Executive of the Union is the Ans X 1. Prime Minister × 2. Speaker of Lok Sabha X 3. Vice President ✓ 4. President Question ID: **7518977565** Option 1 ID: 75189730258 Option 2 ID: 75189730259 Option 3 ID: 75189730257 Option 4 ID: 75189730260 Status : Answered Chosen Option: 4



Q.75 Which of the following schemes of the Government of India aims to empower the students belonging to minority communities and prepare them for competitive examinations? ★ 1. Maulana Azad National Fellowship X 2. Nai Udaan ¾ 4. Nai Manzil Question ID: 7518976783 Option 1 ID: 75189727129 Option 2 ID: 75189727130 Option 3 ID: 75189727132 Option 4 ID: 75189727131 Status: Answered Chosen Option: 3 $\textbf{Q.76} \quad \text{Rays coming from the sun are refracted by the atmosphere. Due to this, the apparent sunset is about _$ Ans √ 1. 2 minutes after × 2. 2 minutes before X 3. 1 minute after X 4. 1 minute before Question ID: 7518976660 Option 1 ID: 75189726639 Option 2 ID: 75189726640 Option 3 ID: 75189726637 Option 4 ID: 75189726638 Status: Answered Chosen Option: 1 Q.77 If the product of two numbers, not necessarily distinct from each other, is 25 and their HCF is 5, then their LCM is: Ans 🗼 1. 5 X 2. 4 X 3. 6 **X** 4. 7 Question ID: 7518975825 Option 1 ID: 75189723298 Option 2 ID: 75189723297 Option 3 ID: 75189723299 Option 4 ID: 75189723300 Status : **Answered** Chosen Option: 1



Q.78 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

All bins are plastics

Some plastics are nylon

Some nylons are green

(I) Some nylons are plastics

(II) All plastics are bins

(III) Some greens are nylons

Ans X 1. None of the conclusions follow

✓ 2. Only conclusions I and III follow

★ 3. Only conclusion II follows

★ 4. Only conclusion I follows

Question ID: 7518977603

Option 1 ID: 75189730412

Option 2 ID: 75189730411

Option 3 ID: 75189730410 Option 4 ID: 75189730409

Status : **Answered**

Chosen Option: 2

Q.79 Krishna has a few coins of 1 rupee, 50 paise and 25 paise in the ratio $\frac{1}{4}:\frac{1}{2}:\frac{1}{2}$. If the number of 25 paise coins is 100, then the total amount with Krishna is:

Ans

√1. ₹125

× 2. ₹ **75**

×3. ₹100

× 4. ₹120

Question ID: 7518975843

Option 1 ID: 75189723372

Option 2 ID: 75189723369

Option 3 ID: **75189723371** Option 4 ID: 75189723370

Status: Answered

Q.80 How much energy is released when water is used to break down the terminal link of ATP?

Ans X 1. 31.5 kJ/mol

× 2. 35.6 kJ/mol

X 3. 37.2 kJ/mol

√ 4. 30.5 kJ/mol

Question ID: **7518974339**

Option 1 ID: 75189717354

Option 2 ID: 75189717355

Option 3 ID: **75189717356**

Option 4 ID : **75189717353**

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.81 At the inauguration of 'Tech NEEV @ 75' in November 2021, Union Minister of State for Science and Technology,
Jitendra Singh announced the setting up of 30 STI Hubs in different parts of the country for Scheduled Tribes (STs) by
the end of 2022. STI stands for ______.

Ans

✓ 1. Science, Technology and Innovation

✗ 2. Science, Technology and Industrialization

★ 3. Special Technological Industry

★ 4. Scientific and Technological Investigation

Question ID: 7518978498

Option 1 ID: 75189733989

Option 2 ID: 75189733992

Option 3 ID: 75189733990

Option 4 ID: 75189733991

Status : **Answered**

Q.82 A shopkeeper has the following 3 schemes:

- (I) Two successive discounts of 30% and 35%
- (II) Buy 6, get 4 free
- (III) Buy 5, get 6 free

Which scheme has the maximum discount percentage?

Ans X 1. Both II and III

× 2. Only II

X 4. Only I

Question ID: **7518978693**

Option 1 ID : **75189734772**

Option 2 ID: **75189734770**

Option 3 ID : **75189734771** Option 4 ID : **75189734769**

Status : Answered

Chosen Option: 1

Q.83 Find the area of a trapezium (in sq. unit) with parallel sides of length 3 unit and 5 unit and the shortest distance between its parallel sides is 6 unit.

Ans 🧹

√1. 24

X 2. 12

X 3. 48

X 4. 15

Question ID: 7518976179

Option 1 ID : **75189724713**

Option 2 ID: **75189724714**

Option 3 ID: **75189724715** Option 4 ID: **75189724716**

Status : **Answered**

Q.84 In \triangle ABC, DE || AC, where D and E are the points on sides AB and BC, respectively. If BD = 4 cm and AD = $2\sqrt{2}$ cm, then what is the ratio of the area of \triangle BDE to the trapezium ADEC?

Ans

- \times 1. 2: $(1+\sqrt{2})$
- \checkmark 2. 2: $(1+2\sqrt{2})$
- \times 3. 1: $(1+2\sqrt{2})$
- \times 4. 2: $(1+3\sqrt{2})$

Question ID : 7518978476

Option 1 ID: **75189733903**Option 2 ID: **75189733904**Option 3 ID: **75189733902**

Option 4 ID : **75189733901**

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.85 Baisakhi festival is celebrated in the month of

in India.

Ans X 1. March

2. April

🗙 3. January

🗙 4. February

Question ID : **7518977472**

Option 1 ID : **75189729887** Option 2 ID : **75189729888**

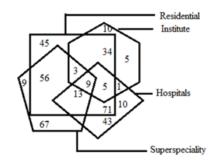
Option 3 ID : **75189729885**

Option 4 ID : **75189729886**

Status : Not Answered

Chosen Option : --

 $^{\mbox{\scriptsize Q.86}}$ Study the given Venn diagram and answer the question that follows.



How many residential super-specialty hospitals are institutes?

Ans X 1. 13

X 2. 5

X 3. **3**

4. 9

Question ID: 7518977925

Option 1 ID: 75189731698

Option 2 ID: 75189731699

Option 3 ID: 75189731697

Option 4 ID: 75189731700

Status : **Answered**

Chosen Option: 4

 $\textbf{Q.87} \quad \text{Which of the following options is the closest approximate value which will come in place of question } \\ \text{mark}(?) \text{ in the place of the following options is the closest approximate value which will come in place of question } \\ \text{mark}(?) \text{ in the place of the following options } \\ \text{which options } \\ \text$ following equation?

 $14.96 + 10.96 + 13.16 - 12.89 \times 2.04 + 24.93 \div 5.1 \mp ?$

Ans X 1. 20

X 2. 16

3. 18

X 4. 22

Question ID: 7518978324

Option 1 ID: 75189733293

Option 2 ID: 75189733294

Option 3 ID: 75189733295

Option 4 ID: 75189733296

Status : **Answered**

Q.88 If $(\sin\beta+\csc\beta)^2+(\sec\beta-\cos\beta)^2=a+\tan^2\beta+\cot^2\beta$, then the value of a is:

- X 1. 2
- **X** 2. 5
- **X** 3. **0**
- **√** 4. **3**

Question ID: **7518976388**

Option 1 ID: 75189725550

Option 2 ID: 75189725552

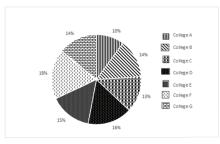
Option 3 ID: 75189725549 Option 4 ID: 75189725551

Status : **Answered**

Chosen Option: 3

 $\textbf{Q.89} \quad \text{Study the given pie-chart and answer the question that follows.}$

The pie-chart presents the percentage of law students enrolled in different colleges of Agra district.



If the total number of law students in the district is 23786, how many students are studying in colleges A, D and G taken together? (approximately)

- Ans X 1. 9520
 - **✓** 2. 9514
 - X 3. 10701
 - **×** 4. 7134

Question ID: **7518978096**

Option 1 ID: 75189732381

Option 2 ID: 75189732383

Option 3 ID: 75189732382

Option 4 ID: 75189732384

Status : **Answered**

0.90 Given below is a decision followed by two statements I and II. Read the information carefully and select the correct

Decision:

The state government has decided to start free education programs for all uneducated females living in villages in order to provide them with basic education.

- I. Similar programs in other states had resulted in 63% more employed women in just 2 years.
- II. Some of the women in the said state, currently have children below 5 years of age, due to which they do not have

Ans

× 1. Both statements I and II strengthen the decision.



Statement I strengthens the decision but statement II is neutral.

★ 3. Both statements I and II weaken the decision.



Statement I is neutral but statement II weakens the decision.

Question ID: 7518979076

Option 1 ID: 75189736301

Option 2 ID: 75189736302

Option 3 ID: 75189736303

Option 4 ID: 75189736304 Status: Answered

Chosen Option: 3

Q.91 In 1993, the Government of India established an institution, the NHRC, to monitor the violations of human rights. What is the full form of NHRC?

- Ans X 1. National Hindu Rights Commission
 - X 2. National Human Rights Constitution
 - 3. National Human Rights Commission
 - ★ 4. National Human Rights Committee

Question ID: 7518978928

Option 1 ID: 75189735711

Option 2 ID: 75189735710

Option 3 ID: 75189735709 Option 4 ID: 75189735712

Status: Answered



Q.92 When magnetic field is acting towards north and current is moving in east to west direction through a conductor, then the conductor will move direction Ans ★ 1. towards left ✓ 2. in the downward × 3. in the upward × 4. towards right Question ID: 7518978154 Option 1 ID: 75189732613 Option 2 ID: 75189732616 Option 3 ID: 75189732615 Option 4 ID: 75189732614 Status : Answered Chosen Option: 1 Q.93 The 'SMILE' Scheme, which is a Central Sector Scheme, an acronym of 'Support for Marginalised Individuals for Livelihood and Enterprise' was launched in February 2022 by the Union Minister for Social Justice and Empowerment, Ans X 1. Amit Shah × 2. Smriti Zubin Irani X 3. Arjun Munda 4. Virendra Kumar Question ID: 7518978835 Option 1 ID: 75189735338 Option 2 ID: 75189735340 Option 3 ID: 75189735339 Option 4 ID: 75189735337 Status: Answered Chosen Option : 4 The first member of the alkyne group of hydrocarbons is: × 1. propyne ✓ 2. ethyne × 3. methyne × 4. butyne Question ID: 7518973382 Option 1 ID: 75189713527 Option 2 ID: 75189713526 Option 3 ID: 75189713525 Option 4 ID: 75189713528 Status : **Answered** Chosen Option: 3



Q.95 The cost of 2 tables and 3 chairs is ₹540, while that of 2 tables and 1 chair is ₹470. What is the cost of 5 chairs? Ans × 1. ₹205 × 2. ₹185 **X** 3. ₹245 **4**. ₹175 Question ID: 7518975706 Option 1 ID: 75189722824 Option 2 ID: 75189722821 Option 3 ID: 75189722822 Option 4 ID: 75189722823 Status : **Answered** Chosen Option : 4 Q.96 While returning home from school Rana misdirected from his way. From school he first walked for 3 km towards the south and then turned left and walked for 2 km. From there, he turned towards the left and further walked for 3 km. Finally he again turned to his left and walked for 1 km to reach his home. In which direction is his home from school? (All turns are 90 degree turns only) Ans X 1. South ✓ 2. East X 3. West × 4. North

Question ID : 7518978021
Option 1 ID : 75189732084
Option 2 ID : 75189732081
Option 3 ID : 75189732082
Option 4 ID : 75189732083
Status : Answered
Chosen Option : 2

Question ID : 7518978369
Option 1 ID : 75189733473
Option 2 ID : 75189733475
Option 3 ID : 75189733476
Option 4 ID : 75189733474
Status : Answered
Chosen Option : 2



Which is the correct formula for median of grouped data?

Consider:

L = lower limit of median class

 CF_0 = cumulative frequency of preceding class

F = frequency of median class

H = class width

N =the total of frequency

$$\times_{1.} \frac{\frac{N}{2} - CF_0}{F} \times H$$

$$\times$$
 2. $L + \frac{N}{2} - CF_0 - F \times H$

$$\checkmark$$
 3. $L + \frac{\frac{N}{2} - CF_0}{F} \times H$

$$\times 4. L + \frac{\frac{N}{2} - CF_0}{F}$$

Question ID: 7518975683

Option 1 ID: 75189722731

Option 2 ID: 75189722729

Option 3 ID: 75189722730

Option 4 ID: 75189722732 Status: Answered

Chosen Option: 3

Q.99 In which year was Bandhan Financial Services, a micro lender based out of Kolkata granted in-principle approval by RBI to start a universal bank?

Ans X 1. 2010

× 2. 2018

X 3. 2004

4. 2014

Question ID: 7518976813

Option 1 ID: 75189727250

Option 2 ID: 75189727252

Option 3 ID: 75189727249

Option 4 ID: 75189727251

Status: Answered

Q.100 Direction of rotation of armature of motor can be found with the help of _____

Ans

★ 1 Fleming's right-hand rule

✓ 2. Fleming's left-hand rule

Maxwell's corkscrew rule

★ 4. Right hand thumb rule

Question ID : **7518978160** Option 1 ID : **75189732640**

Option 2 ID : **75189732639** Option 3 ID : **75189732637**

Option 4 ID: 75189732638

Status : **Answered**

Chosen Option: 2

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