

RRB GROUP - D SHIFT - 2 (02-09-2022)



Latest Govt Job updates



Private Job updates



Free Mock tests available

Visit - teachingninja.in





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



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

Q.1 Gandhiji founded Harijan Sevak Sangh in _____ to eradicate untouchability and uplift the depressed classes.

Ans X 1. 1924

✓ 2. 1932

X 3. 1929

X 4. 1936

Question ID : **7518978518** Option 1 ID : **75189734069**

Option 2 ID : **75189734072** Option 3 ID : **75189734070**

Option 4 ID : **75189734071**

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.2 _____, 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

✓ 1. PARAM Ganga

X 2. PARAM Shakti

X 3. PARAM Yukti

Y 4. PARAM Brahma

Question ID: 7518978493

Option 1 ID : 75189733969

Option 2 ID: 75189733971

Option 3 ID: 75189733972

Option 4 ID: 75189733970

Status : Answered



Q.3 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. 18 cm × 2. −18 cm √ 3. −9 cm × 4. 9 cm Question ID: 7518976594 Option 1 ID: 75189726375 Option 2 ID: 75189726373 Option 3 ID: **75189726374** Option 4 ID: 75189726376 Status: Answered Chosen Option: 3 and the plan era started from 1 April 1951 with the launching of Q.4 The Planning Commission was set up on ___ the First Five-Year Plan (1951-56). Ans X 1. 1 March 1950 × 2. 26 January 1950 ★ 3. 15 August 1949 Question ID: 7518978894 Option 1 ID: 75189735576 Option 2 ID: 75189735573 Option 3 ID: 75189735574 Option 4 ID: 75189735575 Status: Not Answered Chosen Option : --Q.5 According to India State Forest Survey Report 2021, the forest cover in India is ____ the country. Ans 🗸 1. 24.62% × 2. 37.05% X 3. 31.05% × 4. 27.50% Question ID: 7518979433 Option 1 ID: 75189737729 Option 2 ID: 75189737732 Option 3 ID: 75189737730 Option 4 ID: 75189737731 Status: Answered Chosen Option : 4



Q.6 What is a possible reason for young females becoming teen mothers?

Ans X 1. Females belonging to educated families

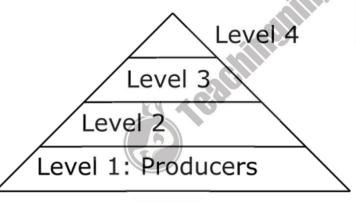
× 2. Good education to the females

X 4. Good support from family and society

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

Chosen Option: 3

Q.7 In the following figure, deer occupies ______



Ans X 1. Level 3

✓ 2. Level 2

X 3. Level 1

X4. Level 4

Question ID: 7518974460
Option 1 ID: 75189717839
Option 2 ID: 75189717838
Option 3 ID: 75189717837
Option 4 ID: 75189717840
Status: Answered

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

Ans \times 1. Only 4 \times 2. -8 and 8 \times 3. - 4 and 4 \times 4. Only -4

Question ID : 7518976172
Option 1 ID : 75189724686
Option 2 ID : 75189724688
Option 3 ID : 75189724685
Option 4 ID : 75189724687
Status : Answered
Chosen Option : 3

Q.9 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. F

√ 2. A

floor number 4?

X 3. C

X 4. **E**

Question ID: 7518978187 Option 1 ID: 75189732748 Option 2 ID: 75189732746 Option 3 ID: 75189732745 Option 4 ID: 75189732747 Status: Answered

Chosen Option: 2

Q.10 Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statements:

 $L \leq R \leq M \geq Q, \, N > Q \geq T$

Conclusion:

 $I.\ N \geq M$

II. $Q \le R$

III. $M \ge L$ IV. $N \ge L$

Ans

✓ 1. Only conclusion III follows

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

X 3. Only conclusions I and IV follow

Question ID : 7518978973 Option 1 ID : 75189735891 Option 2 ID : 75189735892 Option 3 ID : 75189735889 Option 4 ID : 75189735890

Status : Answered



Q.11 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. li

X 2. ha

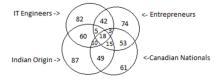
X 3. ve

× 4. mu

Question ID: 7518977671 Option 1 ID: 75189730684 Option 2 ID: 75189730683 Option 3 ID: 75189730681 Option 4 ID: 75189730682 Status: Answered

Chosen Option: 1

Q.12 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



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

Ans × 1. 18

X 2. 36

X 3. **33**

√ 4. 15

Question ID: 7518977615

Option 1 ID: 75189730457

Option 2 ID: 75189730460

Option 3 ID: 75189730459

Option 4 ID: 75189730458

Status: Answered Chosen Option: 4

Q.13 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 X 1. H

X 2. N

X 3. U

√ 4. I

Question ID: 7518977978 Option 1 ID: 75189731909

Option 2 ID: 75189731910 Option 3 ID: 75189731911

Option 4 ID: 75189731912

Status: Answered



Q.14 Combustion of one methane gas molecule gives _____ carbon dioxide and _____ water molecules, respectively.

- Ans X 1. 2; 3
 - × 2. 2; 1
 - **√** 3. 1; 2
 - X 4. 3; 2

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

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.15 Which element is neither metal nor non-metal?

- Ans X 1. Al
 - X 2. P
 - **X** 3. Mg
 - ✓ 4. Ge

Question ID: 7518973734

Option 1 ID: 75189714934

Option 2 ID: 75189714936

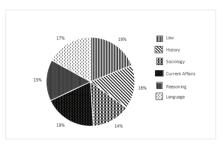
Option 3 ID: 75189714933 Option 4 ID: 75189714935

Status: Answered

Chosen Option: 1

Q.16 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 X 1. 111.50
 - √ 2. 182 .00
 - X 3. 171.50
 - × 4. 122.50

Question ID: 7518978095

Option 1 ID: 75189732379

Option 2 ID: 75189732378

Option 3 ID: 75189732380

Option 4 ID: 75189732377

Status: Answered



Q.17 If the number 6484y6 is divisible by 8, then find the least value of y?

Ans 🗙 1. 7

√ 2. 1

X 3. 4

X 4. 3

Question ID: 7518976240

Option 1 ID: 75189724959

Option 2 ID: 75189724958

Option 3 ID: 75189724960

Option 4 ID: 75189724957

Status: Answered

Chosen Option: 2

Q.18

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

Ans

X 2. 6

X 3. **3**

X 4. 5

Question ID: 7518978624

Option 1 ID: 75189734493

Option 2 ID: 75189734494 Option 3 ID: 75189734496

Option 4 ID: 75189734495

Status : Answered

Chosen Option : 1

Q.19 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 $alone. \ If they work in pairs \\ [like (A, B), (B, C) and (C, A)], with (A, B) working on the first day, then (B, C) working on the first day. \\$ 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. $5\frac{7}{8}$ days

$$\times$$
 2. $7\frac{5}{8}$ days

$$\checkmark$$
 3. $4\frac{3}{8}$ days

$$\times$$
 4. $6\frac{1}{8}$ days

Question ID: 7518976301

Option 1 ID: 75189725203

Option 2 ID: 75189725201

Option 3 ID: 75189725204

Option 4 ID: 75189725202

Not Attempted and Marked For Review Status:

Q.20 Some features of a respiratory surface in animals are mentioned below. Select the INCORRECT option.

Ans

★ 1. Usually placed inside the body

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

★ 4. Has a large surface area

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

Q.21 Three times the present age of Renu is 11 years more than two times the present age of Manav, and three times the $present\ age\ of\ Manav\ is\ 9\ years\ less\ than\ four\ times\ the\ present\ age\ of\ Renu.\ The\ sum\ of\ the\ present\ ages\ (in\ years)\ of\ the\ present$

Ans 🔀 1. 29

√ 2. **32**

X 3. 31

× 4. 37

Question ID: 7518978443 Option 1 ID: 75189733769

Option 2 ID: 75189733771 Option 3 ID: 75189733770 Option 4 ID: 75189733772

Status: Answered

Chosen Option: 2

Q.22 Magnetic field lines at north pole of a magnet are:

Ans X 1. parallel lines

× 2. lines merging at the pole

× 4. intersecting lines

Question ID: 7518978148 Option 1 ID: 75189732589

Option 2 ID: 75189732591 Option 3 ID: 75189732590

Option 4 ID: 75189732592 Status: Answered



Q.23 Refer to the following letter, number, symbol series and answer the question. (Left) H $^{\wedge}$ 2 K L 4 D & 3 \$ 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 🗼 1. 3 X 2. 2 **X** 3. 4 X 4. 1 Question ID: 7518979164 Option 1 ID: 75189736655 Option 2 ID: 75189736654 Option 3 ID: 75189736656 Option 4 ID: 75189736653 Status : Answered Chosen Option: 1 Q.24 In 2021, who among the following was awarded the Major Dhyan Chand Khel Ratna award? Ans X 1. PV Sindhu X 2. Jwala Gutta X 3. Tara Iyer 4. Ravi Kumar Question ID: 7518977140 Option 1 ID: 75189728559 Option 2 ID: 75189728558 Option 3 ID: 75189728557 Option 4 ID: 75189728560 Status : Answered Chosen Option: 4 Q.25 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 🗳 1. 135° × 2. 144° X 3. 140° × 4. 108° Question ID: 7518978474 Option 1 ID: 75189733894 Option 2 ID: 75189733893 Option 3 ID: 75189733895



Option 4 ID : **75189733896** Status : **Answered**

Q.26 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 🗙 1. S

√ 2. T

X 3. **U**

X 4. W

Question ID : 7518978169 Option 1 ID : 75189732676 Option 2 ID : 75189732674 Option 3 ID : 75189732675

Option 4 ID : **75189732673**Status : **Answered**

Chosen Option: 2

Q.27 The Kumaun Himalayas (according to the east-west division of the Himalayas) lie between which of the following two rivers?

Ans X 1. Indus and Sutlej

✓ 2. Sutlej and Kali

X 3. Kali and Teesta

★ 4. Teesta and Dibang

Question ID: 7518974272

Option 1 ID: 75189717085

Option 2 ID: 75189717086

Option 3 ID: 75189717087

Option 4 ID : **75189717088** Status : **Answered**

Chosen Option : 1

Q.28 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. OPQ : RTV : WYA

X 2. STU: VWX: YZA

X 4 EFG: HKN: ORU

Question ID: 7518978033

Option 1 ID: 75189732131

Option 2 ID : **75189732129**

Option 3 ID : **75189732130**

Option 4 ID: **75189732132**Status: **Not Answered**

Chosen Option : --



'BROKE' be written in that language? Ans 🗸 1. DUSPK × 2. DUKSP X 3. DUPPK X 4. DUSKP Question ID: 7518978280 Option 1 ID: 75189733119 Option 2 ID: 75189733117 Option 3 ID: 75189733120 Option 4 ID: 75189733118 Status: Answered Chosen Option : 1 Q.30 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. T X 2. R √ 3. P X 4. S Question ID: 7518977897 Option 1 ID: 75189731587 Option 2 ID: 75189731585 Option 3 ID: 75189731588 Option 4 ID: 75189731586 Status : Answered Chosen Option: 3 Q.31 The pH of milk of magnesia is about _____. Ans 💉 1. 10.4 × 2. 13.2 X 3. 4.7 X 4. 2.9 Question ID: 7518973463 Option 1 ID: 75189713851 Option 2 ID: 75189713852 Option 3 ID: 75189713850 Option 4 ID: 75189713849 Status: Answered Chosen Option: 1

Q.29 In a certain code language, 'ANGLE' is written as 'CQKQK' and 'BEING' is written as 'DHMSM'. How will



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
 - ✓ 2. South-west
 - X 3. East
 - X 4. South-east

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

Chosen Option : 2

Q.33 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 \times 1. $\mu_Y > \mu_G > \mu_B$
 - χ_{2} $\mu_{Y} = \mu_{G} = \mu_{B}$
 - \times 3. $\mu_G > \mu_B > \mu_Y$
 - \checkmark 4. $\mu_B > \mu_G > \mu_Y$

Question ID: 7518976651 Option 1 ID: 75189726601 Option 2 ID: 75189726602 Option 3 ID: 75189726603 Option 4 ID: 75189726604 Status: Answered

Chosen Option: 3

Q.34 In which year was the Panchayats (Extension to the Scheduled Areas) Act (PESA act) passed in India?

- Ans X 1. 1994
 - √ 2. 1996
 - X 3. 1990
 - × 4. 1992

Question ID: 7518979455

Option 1 ID: 75189737818

Option 2 ID: 75189737817

Option 3 ID: 75189737820

Option 4 ID: 75189737819

Status: Not Answered

Q.35 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 🗸 1. 6 cm

X 2. 12 cm

× 3. 24 cm

× 4. 18 cm

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

Status : Answered Chosen Option: 4

Q.36 Which of the following interchanges in signs and numbers will make the given equation correct?

 $9 - 11 \times 24 = 75$

Ans

✓ 1. × and –, 9 and 11

 \times 2. \times and =, 24 and 9

× 3. - and ×, 75 and 11

 \times 4. = and -, 75 and 24

Question ID: 7518979056

Option 1 ID: 75189736223 Option 2 ID: 75189736221

Option 3 ID: 75189736222 Option 4 ID: 75189736224

Status: Answered

Chosen Option: 1

 $^{\mathrm{Q.37}}$ If the resistance of a conductor is doubled then the heat produced is:

✓ 1. Two times

X 2. Unchanged

X3. Half

X4. Zero

Question ID: 7518978142

Option 1 ID: 75189732566

Option 2 ID: 75189732567

Option 3 ID: 75189732565

Option 4 ID: 75189732568

Status : Answered



Q.38 Which Veda contains the maximum number of verses?

Ans

- ✓ ¹ Rig Veda
- X 2. Atharva Veda
- X 3. Sama Veda
- ✓ 4. Yajur Veda

Question ID : **7518973843**

Option 1 ID : **75189715370** Option 2 ID : **75189715372** Option 3 ID : **75189715371**

Option 4 ID : **75189715369** Status : **Answered**

Chosen Option : 1

Q.39 The carbon and energy requirements of plants are fulfilled by which of the following processes?

Ans

- X 1. Absorption
- X 2. Translocation
- X 3. Transpiration

Question ID: 7518977794

Option 1 ID: 75189731174

Option 2 ID : **75189731176**

Option 3 ID : **75189731173** Option 4 ID : **75189731175**

Status : Answered

Chosen Option: 4

Q.40 How many cubic cm of water can a hemispherical container of radius 7 cm hold (rounded off to 2 decimal places) $\left(\mathbf{use} \ \boldsymbol{\pi} = \frac{22}{7}\right)$?

Ans X 1. 616.25

× 2. 1437.33

× 3. 154.75

4. 718.67

Question ID: 7518976183

Option 1 ID: 75189724729

Option 2 ID : **75189724732** Option 3 ID : **75189724730**

Option 4 ID : **75189724731**

Status : Answered



Q.41 Researchers at IIT Guwahati have developed a 'smart' window material in May 2021. What is the use of this material?

- Ans X 1. It locates sources of faint light from distant quasars
 - ★ 2. It maintains oxygen pressure that works without electricity.

 - ★ 4. It increases the life of medical oxygen cylinders.

Question ID: 7518973976 Option 1 ID: 75189715904 Option 2 ID: 75189715901 Option 3 ID: 75189715902 Option 4 ID: 75189715903 Status: Not Answered

Chosen Option: --

Q.42 Which of the following elements is most metallic in nature?

- Ans 💉 1. Ba
 - **X** 2. Be
 - X 3. Sr
 - X 4. Ca

Question ID: 7518973521 Option 1 ID: 75189714083 Option 2 ID: 75189714081 Option 3 ID: 75189714084 Option 4 ID: 75189714082

Chosen Option: --

Status: Not Answered

- $^{\mathrm{Q.43}}$ Which of the following pairs will be in the same homologous series?
- ★ 1. CH₃CHO and CH₃OH
 - ★ 2. CH₃OH and HCOOH
 - X 3. C₂H₅OH and CH₃ COOH

Question ID: 7518973408 Option 1 ID: 75189713631 Option 2 ID: 75189713630 Option 3 ID: 75189713629 Option 4 ID: 75189713632

Status: Not Answered



Q.44 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 X 1. T

√ 2. R

X 3. S

X 4. U

Question ID: 7518977575

Option 1 ID: 75189730300 Option 2 ID: 75189730299 Option 3 ID: 75189730298 Option 4 ID: 75189730297

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

Q.45 Which of the following is a characteristic of public goods?

Ans 1. Non-rivalry

× 2. Inelasticity

X 3. Elasticity

★ 4. Excludable

Question ID: 7518974219

Option 1 ID: 75189716876 Option 2 ID: 75189716875 Option 3 ID: 75189716873

Option 4 ID: **75189716874**Status: **Not Answered**

Chosen Option: --

Q.46 Which of the following cellular components is absent in most of the prokaryotes?

Ans 🗸 1. Nuclear membrane

× 2. Ribosome

X 3. Cell wall

X 4. Cytoplasm

Question ID: 7518977783

Option 1 ID: 75189731129

Option 2 ID : **75189731130**

Option 3 ID: 75189731131

Option 4 ID: **75189731132** Status: **Not Answered**

Chosen Option : --



- $^{ extsf{Q.47}}$ Which team won the Pro Kabaddi League title of Season 8 in 2022?
- Ans 🗳 1. Dabang Delhi KC
 - X 2. Bengaluru Bulls
 - X 3. U Mumba
 - X 4. Patna Pirates

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

Chosen Option : 2

Q.48 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

- $\checkmark 1. \frac{8x}{1-x^2}$
- \times 2. $\frac{8x}{1+x^2}$
- \times 3. $\frac{4x}{1+x^2}$
- \times 4. $\frac{4x}{1-x^2}$

Question ID: 7518978427

Option 1 ID : **75189733705** Option 2 ID : **75189733708**

Option 3 ID : **75189733706**

Option 4 ID: 75189733707

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.49 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 X1. Statement-I is true, and Statement-II is false.
 - ★ 2. Statement-II is true, and Statement-I is false.
 - × 3. Both the statements are false.
 - ✓ 4. Both the statements are true.

Question ID : 7518973658

Option 1 ID : 75189714631

Option 2 ID: 75189714632

Option 3 ID : **75189714630**

Option 4 ID: 75189714629

Status : Answered



Q.50 For a data, if the mean is 28.5 and the median is 32, then the mode using empirical formula is:

Ans X 1. 42

√ 2. **39**

X 3. 41

X 4. 40

Question ID : 7518975686

Option 1 ID : **75189722741** Option 2 ID : **75189722744** Option 3 ID : **75189722742**

Option 4 ID: **75189722743**Status: **Answered**

Chosen Option: 2

Q.51 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 X 1. P Chidambaram

× 2. Pranab Mukherjee

3. Morarji Desai

X 4. Yashwant Sinha

Question ID : 7518979403

Option 1 ID: **75189737610**Option 2 ID: **75189737611**Option 3 ID: **75189737609**

Option 4 ID : **75189737612**Status : **Answered**

Chosen Option : 1

Q.52 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. 1.8

√ 2. 2.4

X 3. 3.6

X 4. 2.7

Question ID: 7518978397

Option 1 ID: 75189733585

Option 2 ID: 75189733587

Option 3 ID: 75189733588

Option 4 ID: 75189733586

Status : Not Attempted and Marked For Review

Chosen Option : --



Q.53 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 × 3. 43 years × 4. 41 years Question ID: 7518975937 Option 1 ID: 75189723747 Option 2 ID: 75189723745 Option 3 ID: 75189723748 Option 4 ID: 75189723746 Status: Answered Chosen Option: 2 Q.54 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 X 1. 8 times X 2. 11 times √ 3. 10 times × 4. 9 times Question ID: 7518975824 Option 1 ID: 75189723293 Option 2 ID: 75189723296 Option 3 ID: 75189723295 Option 4 ID: 75189723294 Status : Answered Chosen Option: 2 Q.55 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 friends? Ans 🔀 1. A X 2. B √ 3. F X 4. C Question ID: 7518979117 Option 1 ID: 75189736465

Teachingninja.in

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

Q.56 If $x^2 + y^2 - 4x + 8y + 20 = 0$, then the value of $x^2 + y^2$ is:

- Ans X 1. 30
 - X 2. 40
 - **√** 3. 20
 - X 4. 10

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

Status : Answered Chosen Option: 3

Q.57 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 🗳 1. North
 - X 2. West
 - X 3. South
 - X 4. East

Question ID: 7518979021

Option 1 ID: 75189736084

Option 2 ID: 75189736082

Option 3 ID: 75189736083

Option 4 ID: 75189736081 Status: Answered

Chosen Option: 1

Q.58 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. 3
 - **√** 2. **4**
 - X 3. 2
 - **X** 4. 5

Question ID: 7518977733

Option 1 ID: 75189730930

Option 2 ID: 75189730932

Option 3 ID: 75189730929

Option 4 ID: 75189730931

Status : Answered Chosen Option: 2

Q.59 Which of the following numbers will replace the question mark (?) in the given series?

12, 17, 27, 42, 62, ?

Ans × 1. 80

× 2. 82

√ 3. **87**

X 4. 85

Question ID: 7518978297

Option 1 ID: 75189733185 Option 2 ID: 75189733186

Option 3 ID: 75189733188

Option 4 ID: 75189733187 Status: Answered

Chosen Option: 3

Q.60 The direction of the current in a coil of a motor is reversed by:

Ans X 1. slip ring

× 2. brushes

X 3. axle

Question ID: 7518978159

Option 1 ID: 75189732635 Option 2 ID: 75189732633

Option 3 ID : **75189732636**

Option 4 ID: 75189732634 Status: Answered

Chosen Option: 4

Q.61 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 1. 37.5

× 2. 42.5

X 3. 42

× 4. 40

Question ID: 7518978414

Option 1 ID: 75189733653

Option 2 ID: 75189733655

Option 3 ID: 75189733656

Option 4 ID : **75189733654**

Status : Not Attempted and Marked For Review

Chosen Option : --



Q.62 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 $7\frac{1}{5}$ years?

Ans × 1. ₹14,855

×2. ₹13,950

×3. ₹13,850

√ 4. ₹13,855

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

Chosen Option: 4

Q.63 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. 8

2. **6**

X 3. 9

X 4. 12

Question ID: 7518978479

Option 1 ID: 75189733914 Option 2 ID: 75189733913 Option 3 ID: 75189733915 Option 4 ID: 75189733916

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.64 A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement

Reading books will make you a morally good person.

Assumptions:

- I. Reading books helps one gain knowledge.
- II. All successful people read books.
- Ans X 1. Only assumption I is implicit
 - × 2. Both assumptions I and II are implicit

 - ★ 4. Only assumption II is implicit

Question ID : 7518979194 Option 1 ID : 75189736775 Option 2 ID : 75189736774 Option 3 ID : 75189736773 Option 4 ID : 75189736776

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



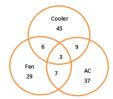
Q.65 Kendriya Hindi Sansthan is an autonomous educational institution established in 1960 by the Department of Higher Education of the Ministry of Education, Government of India. Where is its headquarters located? Ans X 1. Lucknow × 2. Meerut × 3. Kanpur 4. Agra Question ID: 7518974007 Option 1 ID: 75189716027 Option 2 ID: 75189716026 Option 3 ID: 75189716028 Option 4 ID: 75189716025 Status: Not Answered Chosen Option: --Q.66 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. 22^{nd} Oct 2021. Ans X 1. 10,000 × 2. 12,000 **3**. **8000** × 4. 15,000 Question ID: 7518979368 Option 1 ID: 75189737470 Option 2 ID: 75189737471 Option 3 ID: 75189737469 Option 4 ID: 75189737472 Status: Not Answered Chosen Option : --Q.67 Which of the following statements about double displacement reactions is correct? 1. An exchange of ions between two reactants. 2. Only one reactant is required. X 3. The reactant should be organic. * 4. The number of products should be one. Question ID: 7518978124 Option 1 ID: 75189732493 Option 2 ID: 75189732496 Option 3 ID: 75189732495



Option 4 ID : **75189732494**Status : **Answered**

Q.68 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 X 1. 3

X 2. 6

3. 9

X 4. 7

Question ID: 7518978963

Option 1 ID : 75189735850 Option 2 ID: 75189735849

Option 3 ID: 75189735851

Option 4 ID: 75189735852

Status : Answered

Chosen Option: 3

Q.69 Two resistors, A (10 Ω) and B (20 Ω), are connected in parallel. The combination is connected to a 6 V battery. The currents in A and B are respectively _

Ans X 1. 0.3 A and 0.6 A

X 2. 0.6 A and 0.6 A

X 4. 0.2 A and 0.2 A

Question ID: 7518976696

Option 1 ID: 75189726781

Option 2 ID: 75189726784

Option 3 ID: 75189726782

Option 4 ID: 75189726783 Status: Answered

Chosen Option: 2

Q.70 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%

X 3. 9%

× 4. 7.8%

Question ID: 7518978380

Option 1 ID: 75189733520

Option 2 ID: 75189733517

Option 3 ID: 75189733519

Option 4 ID: 75189733518 Status: Answered



Q.71 The value of $84-4 \div 2 \times 3 + 7$ is:

Ans X 1. 173

X 2. 127

X 3. 97

√ 4. **85**

Question ID : 7518976003 Option 1 ID : 75189724011 Option 2 ID : 75189724010 Option 3 ID : 75189724012 Option 4 ID : 75189724009 Status : Answered

Chosen Option : 4

Q.72 In which state is the five day religious festival of 'Shad Nongkrem' celebrated?

Ans X 1. Andhra Pradesh

✓ 2. Meghalaya

X 3. Uttar Pradesh

× 4. Tripura

Question ID : 7518979379

Option 1 ID : **75189737515**

Option 2 ID: 75189737514

Option 3 ID: 75189737513

Option 4 ID : **75189737516** Status : **Answered**

Chosen Option : 2

 $^{Q.73}$ If a:b=7:9 and b:c=15:7, then a:b:c is:

Ans X 1. 21:35:45

√ 2. 35:45:21

X 3. 45:35:21

× 4. 35:45:25

Question ID: 7518975835

Option 1 ID: 75189723339

Option 2 ID: 75189723337

Option 3 ID: 75189723338

Option 4 ID: 75189723340

Status : Answered



Q.74 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 ✓ 1. ZnCl₂ × 2. Fe(OH)₃ X 3. FeCl₂ × 4. Zn(OH)₂ Question ID: 7518973435 Option 1 ID: 75189713737 Option 2 ID: 75189713740 Option 3 ID: 75189713738 Option 4 ID: 75189713739 Status: Answered Chosen Option: 1 Q.75 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 √ 1. 1 X 2. 4 **X** 3. 5 **X** 4. 3 Question ID: 7518978068 Option 1 ID: 75189732269 Option 2 ID: 75189732272 Option 3 ID: 75189732271 Option 4 ID: 75189732270 Status : Answered Chosen Option : 1 Q.76 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 22 X 2. Article 23 ✓ 3. Article 21 X 4. Article 24 Question ID: 7518979443 Option 1 ID: 75189737770 Option 2 ID: 75189737771 Option 3 ID: 75189737769



Option 4 ID : **75189737772**Status : **Answered**

Q.77 Which of the following methods is a surgical method that is used to prevent sperm transfer from males? Ans X 1. Condom is used × 2. Copper T is inserted √ 3. Vas deferens is blocked X 4. Fallopian tubes are blocked Question ID: 7518977841 Option 1 ID: 75189731364 Option 2 ID: 75189731363 Option 3 ID: 75189731361 Option 4 ID: 75189731362 Status: Answered Chosen Option: 3 Q.78 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 X 1. (11, 36) X 2. (12, 36) **X** 3. (7, 38) **4** (5, 28) Question ID: 7518978058 Option 1 ID: 75189732229 Option 2 ID: 75189732231 Option 3 ID: 75189732230 Option 4 ID: 75189732232 Status: Answered Chosen Option: 4 Q.79 The power of a convex lens of focal length 20 cm is _____. Ans 🗳 1. 5.0 D × 2. −0.05 D X 3. 0.05 D **X** 4. −5.0 D Question ID: 7518976635 Option 1 ID: 75189726540 Option 2 ID: 75189726537 Option 3 ID: 75189726538 Option 4 ID: 75189726539 Status: Answered



 $\textbf{Q.80} \quad \text{If each vowel in the word RUBAL is changed to the next vowel in the English alphabetical order and each consonant is} \quad$ changed to the next letter in the English alphabetical order, which letter will be present in the newly formed word?

Ans 🗙 1. R

X 2. U

√ 3. A

X 4. L

Question ID: 7518977968 Option 1 ID: 75189731869 Option 2 ID: 75189731870 Option 3 ID: 75189731871 Option 4 ID: 75189731872 Status: Answered

Chosen Option: 3

Q.81 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	Bonus	Interest	Taxes		
		Transport		on			
				Loans			
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 X 1. 89.93%

× 2. 88.63%

× 3. 87.93%

4. 89.73%

Question ID: 7518979067

Option 1 ID: 75189736265 Option 2 ID: 75189736268

Option 3 ID: 75189736267 Option 4 ID: 75189736266

Status: Answered

Chosen Option: 4

Q.82 A man has to cover a distance of 150 km in 12 hours. If he covers two-third of this distance in $\frac{5}{8}$ 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 X 1. 6.7

× 2. 11.5

√ 3. 11.1

X 4. 10.5

Question ID: 7518978395

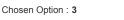
Option 1 ID: 75189733577

Option 2 ID: 75189733580

Option 3 ID: 75189733579

Option 4 ID: 75189733578

Status : Answered





Q.83 Which of the following organisms has a three chambered heart?

Ans X1. Bird

✓ 2. Frog

×3. Fish

× 4. Man

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

Chosen Option : 2

Q.84 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 🗳 1. 31

× 2. 29

X 3. 32

X 4. 30

Question ID: 7518977904

Option 1 ID: 75189731615 Option 2 ID: 75189731613

Option 3 ID: 75189731616 Option 4 ID: 75189731614

Status: Answered Chosen Option : 1

'x' and '÷' are interchanged?

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

Ans 🗳 1. 50

X 2. 25

× 3. 40

X 4. 30

Question ID: 7518977419

Option 1 ID: 75189729676

Option 2 ID: 75189729673

Option 3 ID: 75189729675

Option 4 ID: 75189729674 Status: Answered



Q.86 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 X 1. Profit, ₹123

× 2. Loss, ₹100

× 4. Loss, ₹123

Question ID: 7518975628 Option 1 ID: 75189722509 Option 2 ID: 75189722510 Option 3 ID: 75189722512 Option 4 ID: 75189722511 Status : Answered

Chosen Option: 3

Q.87 The surface area of a cuboid having length 6 cm, breadth 7 cm and height 8 cm is:

Ans \checkmark 1. 292 cm²

X 2. 392 cm²

× 3. 592 cm²

× 4. 492 cm²

Question ID: 7518978795

Option 1 ID: 75189735180

Option 2 ID: 75189735179 Option 3 ID: 75189735177

Option 4 ID: 75189735178

Status: Answered

Chosen Option : 1

Q.88 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 🗸 1. Three

X 2. One

★ 3. Two

X4. None

Question ID: 7518978269

Option 1 ID: 75189733074

Option 2 ID: 75189733076

Option 3 ID: 75189733075

Option 4 ID: 75189733073

Status: Answered



Q.89 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:

- All pots are sands.
- 2. Some sands are clays.
- 3. All greys are clays.

Conclusions:

- Some greys are pots.
- II. All clays are sands is a possibility.
- III. Some clays are pots.
- Ans × 1. Only conclusion III is true
 - ★ 2. Only conclusion I is true
 - X 3. Only conclusion I and II are true
 - ✓ 4. Only conclusion II is true

Question ID: 7518978204 Option 1 ID: 75189732815 Option 2 ID: 75189732813 Option 3 ID: 75189732816 Option 4 ID: 75189732814 Status: Answered

Chosen Option: 4

Q.90 Which of the following is NOT an example of 'fiat' money in India?

- Ans

 ✓ 1. ₹1,000 cheque
 - × 2. ₹500 note
 - X 3. ₹1 coin
 - X 4. ₹100 note

Question ID: 7518976820 Option 1 ID: 75189727280 Option 2 ID: 75189727278

Option 3 ID: 75189727279 Option 4 ID: 75189727277 Status: Answered

Chosen Option : 1

Q.91 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. A1B1C2D22

X2. A1B1C2D11

√ 3. A1B1C2D2

X 4. A1B1C2D12

Question ID: 7518977954 Option 1 ID: 75189731816

Option 2 ID: 75189731814 Option 3 ID: 75189731813

Option 4 ID: 75189731815

Status: Answered Chosen Option: 3



- Q.92 The value of $\frac{20 + 20 \tan^2 A}{50 + 50 \cot^2 A}$ is:
- Ans \times 1. $\frac{2}{5}$ cot² A
 - \times 2. $\frac{5}{2}$ tan² A
 - \times 3. $\frac{5}{2}$ cot²A
 - \checkmark 4. $\frac{2}{5} \tan^2 A$

Question ID: 7518978814 Option 1 ID: 75189735254 Option 2 ID: 75189735255

Option 3 ID : **75189735253** Option 4 ID : **75189735256**

Status : Answered Chosen Option : 4

- Q.93 Which of the following has NO effect on the resistance of a conductor?
- Ans X 1. Thickness
 - ✓ 2. Shape
 - X 3. Length
 - ★ 4. Temperature

Question ID : **7518978132** Option 1 ID : **75189732526**

Option 2 ID : **75189732528** Option 3 ID : **75189732525** Option 4 ID : **75189732527**

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

- Q.94 Some reasons for conserving coal and petroleum are given below. Select the INCORRECT option.
- Ans X 1. Saves money of citizens
 - ✗ 2. Decreases the effect of climate change

 - × 4. No acidification of oceans causing death of aquatic animals

Question ID: 7518974693

Option 1 ID : **75189718770**

Option 2 ID : **75189718769** Option 3 ID : **75189718772**

Option 4 ID : **75189718771** Status : **Answered**

 $\textbf{Q.95} \quad \text{If } \alpha \text{ and } \beta, \text{ where } \alpha \geq \beta, \text{ are the roots of the equation } 5x^2-3x-2=0 \text{ , then what is the value of } (\alpha-2\beta)?$

- \checkmark 2. $\frac{9}{5}$ \checkmark 3. $\frac{7}{5}$
- X 4. $\frac{1}{5}$

Question ID: 7518978452

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

Status : Answered Chosen Option: 4

Q.96 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 × 1. 48
 - X 2. 32
 - **√** 3. **16**
 - X 4. 96

Question ID: 7518978047

Option 1 ID: 75189732188 Option 2 ID : **75189732187**

Option 3 ID: 75189732186 Option 4 ID: 75189732185

Status: Answered

Chosen Option: 3

Q.97 River _____ flows through the Malwa Plateau.

- Ans X 1. Rangeet
 - X 2. Bhima
 - X3. Godavari
 - ✓ 4. Betwa

Question ID: 7518978577

Option 1 ID: 75189734305

Option 2 ID: 75189734308

Option 3 ID: 75189734306

Option 4 ID: 75189734307

Status: Not Answered

Chosen Option : --

Q.98 If 1.6:0.6:0.6:x, find the value of x.

Ans X 1. 0.98

√ 2. 0.225

× 3. 0.275

× 4. 0.25

Question ID: 7518978368
Option 1 ID: 75189733472
Option 2 ID: 75189733469
Option 3 ID: 75189733471
Option 4 ID: 75189733470
Status: Answered

Chosen Option: 2

Q.99 In India, _____ is/are governed by the provisions of Section 29A of the Representation of the People Act, 1951.

Ans X 1. withdrawal of candidature

× 2. appointment of dates for nominations, etc.

X 3. general duties of chief electoral officers

Question ID: **7518978600**Option 1 ID: **75189734400**Option 2 ID: **75189734399**

Option 3 ID : **75189734398**Option 4 ID : **75189734397**Status : **Not Answered**

Chosen Option : --

Q.100 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. ₹3,000

× 3. ₹5,000

×4. ₹2,500

Question ID: 7518976556

Option 1 ID : **75189726223** Option 2 ID : **75189726222**

Option 3 ID : **75189726224**

Option 4 ID: 75189726221

Status: Not Answered

Chosen Option : --