

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



Latest Govt Job updates



Private Job updates



Free Mock tests available

Visit - teachingninja.in





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



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

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 Refer to the following number series and answer the question.

13 10 17 25 58 63 94 8 92 29

How many even numbers are immediately followed by a multiple of 3?

Ans 🗳 1. 1

X 2. 3

X 3. 2

X 4. 4



Question ID: 7518979753 Option 1 ID: 75189739012

Option 2 ID: 75189739010

Option 3 ID: 75189739011 Option 4 ID: 75189739009

Status: Answered

Chosen Option: 1

Q.2 Which reaction is an example of a double displacement reaction?

Ans
$$\times$$
 1. Fe(s) + CuSO₄(aq) \longrightarrow FeSO₄(aq) + Cu(s)

$$\times$$
 2. $Zn(s) + CuSO_4(aq) \longrightarrow ZnSO_4(aq) + Cu(s)$

$$\checkmark$$
 3. Na₂SO₄(aq) + BaCl₂(aq) \longrightarrow BaSO₄(s) + 2NaCl(aq)

$$\times$$
 4. Pb(s) + CuCl₂(aq) \longrightarrow PbCl₂(aq) + Cu(s)

Question ID: 7518979621

Option 1 ID: 75189738481

Option 2 ID: 75189738483

Option 3 ID: 75189738482

Option 4 ID: 75189738484

Status: Answered



Q.3 The value of $5 + (12 - 3 \times 4) - 6 \div 2$ is:

Ans 🔀 1. 6

X 2. −2

√ 3. **2**

X 4. −6

Question ID : 7518979197 Option 1 ID : 75189736786 Option 2 ID : 75189736787 Option 3 ID : 75189736788 Option 4 ID : 75189736785 Status : Answered

Chosen Option: 3

Q.4 Which formula is related to an unsaturated carbon compound?

Ans X 1. C₃H₈

×2. C₂H₆

X 3. C₄H₁₀

Question ID: 7518979591

Option 1 ID: 75189738363

Option 2 ID : **75189738362** Option 3 ID : **75189738364**

Option 4 ID : 75189738361

Status : Answered

Chosen Option : 4

Q.5 International chess Olympiad 2022 is hosted by which of the following cities?

Ans X 1. Trivandrum

✓ 2. Chennai

X 3. Bengaluru

X 4. Kolkata

Question ID: 7518976795

Option 1 ID: 75189727180

Option 2 ID: 75189727178

Option 3 ID : **75189727177**

Option 4 ID: 75189727179

Status : Answered



Q.6 A, K, G, D, H and Y are sitting in a straight row facing north. K is at one extreme end. Y is sitting third from the right of K and second to the left of A. D and H are immediate neighbours. G is sitting to the immediate left of A. D sits third to the left of G. Who is to the immediate right of K? Ans 🗙 1. H X 2. G **X** 3. **Y** √ 4. D Question ID: 7518978952 Option 1 ID: 75189735805 Option 2 ID: 75189735808 Option 3 ID: 75189735807 Option 4 ID: 75189735806 Status: Answered Chosen Option: 4 Q.7 A, B and C can complete a piece of work in 20, 24 and 30 days, respectively. The number of days they take to finish it if they work together will be: Ans 🗸 1. 8 days × 2. 5 days × 3. 7 days × 4. 6 days Question ID: 7518979263 Option 1 ID: 75189737051 Option 2 ID: 75189737052 Option 3 ID: 75189737050 Option 4 ID: 75189737049 Status : Answered Chosen Option : 1 Q.8 A number when increased by $47\frac{1}{2}$ %, gives 590. The number is: Ans 🚀 1. 400 × 2. 500 X 3. 600 × 4. 700 Question ID: 7518978657 Option 1 ID: 75189734628 Option 2 ID: 75189734627 Option 3 ID: 75189734626



Option 4 ID : **75189734625** Status : **Answered**

Q.9 Humans has been practicing water harvesting since ancient times. Some different forms of water harvesting structures are given in Column I and the place they are practiced in Column II. Select the option that shows the correct matching.

Column I (Water	Column II (Places where they		
harvesting structures)	are practiced)		
A. Surangams	i) Bihar		
B. Pynes	ii) Rajasthan		
C. Kulhs	iii) Kerala		
D. Khadins	iv) Himachal Pradesh		

Ans X 1. A-i, B-ii, C-iii, D-iv

✓ 2. A-iii, B-i, C-iv, D-ii

X 3. A-iii, B-ii, C-iv, D-i

X4. A-ii, B-iii, C-i, D-iv

Question ID: 7518974704

Option 1 ID: 75189718813

Option 2 ID: 75189718816

Option 3 ID: 75189718815

Option 4 ID: 75189718814 Status: Answered

Chosen Option: 2

Q.10 Select the option in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent

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

(4, 13, 3)

(4, 19, 5)

Ans X 1. (6, 14, 2)

X 2. (18, 28, 2)

√ 3. (1, 25, 8)

X 4. (5, 30, 7)

Question ID: 7518979784

Option 1 ID: 75189739136

Option 2 ID: 75189739134

Option 3 ID: 75189739133

Option 4 ID: 75189739135

Status: Not Answered Chosen Option: --

Q.11 How many such pairs of letters are there in the word REGULATION (in the forward direction) which have as many letters between them in the word as there are in the English alphabetical order?

Ans X 1. 3

√ 2. 2

X 3. 1

X 4. 4

Question ID: 7518977960

Option 1 ID: 75189731839

Option 2 ID: 75189731838

Option 3 ID: 75189731837

Option 4 ID: 75189731840

Status: Answered



Q.12 The sum of two times Manavi's present age and Tanvi's present age is 35 years. Tanvi's father is presently three times as old as Tanvi. Manavi's brother's present age is 6 years more than Manavi's present age. The sum of the present ages of Tanvi's father and Manavi's brother is 56 years. What is the sum of the present ages (in years) of Manavi and Tanvi?

Ans 🗳 1. 24

× 2. 27

X 3. 23

X 4. 31

Question ID: 7518978449 Option 1 ID: 75189733795 Option 2 ID: 75189733794 Option 3 ID: 75189733796 Option 4 ID: 75189733793

Status : Not Attempted and Marked For Review

Chosen Option: --

 $\textbf{Q.13} \quad \text{Pole P is to the west of pole T and north of pole R. Pole Q is to the west of pole R and north of pole W. What is the pole R and north of pole R. Pole Q is to the west of pole R and north of pole R. Pole Q is to the west of pole R and north of pole R. Pole Q is to the west of pole R and north of pole R. Pole Q is to the west of pole R and north of pole R. Pole Q is to the west of pole R and north of pole R. Pole Q is to the west of pole R and north of pole R. Pole Q is to the west of pole R and north of pol$ position of pole R with respect to pole T?

Ans X 1. North

X 2. North-east

X 3. South

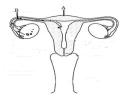
4. South-west

Question ID: 7518977366

Option 1 ID: 75189729463 Option 2 ID: 75189729464 Option 3 ID: 75189729461

Option 4 ID: 75189729462 Status : Answered Chosen Option: 4

Q.14 The figure given below shows the sectional view of the human female reproductive system. Identify the option stating correct functions of the labelled parts \boldsymbol{A} and \boldsymbol{B} .



Ans

A - Implantation and development of embryo, B - Fertilisation of egg

A - Fertilisation of egg, B - Implantation and development of embryo

X 3. A - Formation of egg, B - Fertilisation of egg

A - Fertilisation of egg, B - Formation of egg

Question ID: 7518974615 Option 1 ID: 75189718457

Option 2 ID: 75189718460 Option 3 ID: 75189718459

Option 4 ID: 75189718458 Status: Answered



Q.15 When blue and orange lights, which are parallel to each other, are passed through prism then:

★ 1. orange ray will bend more

✓ 2. blue ray will bend more

3. both emergent rays will be parallel

× 4. blue ray will bend towards the top

Question ID: 7518979525 Option 1 ID: 75189738099 Option 2 ID: 75189738100 Option 3 ID: 75189738097 Option 4 ID: 75189738098

Status: Marked For Review

Chosen Option: 1

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



How many class X students like to study either Maths or Science but NOT both

Ans 🔀 1. 27

√ 2. 29

X 3. 13

X 4. 28



Question ID: 7518979725 Option 1 ID: 75189738898 Option 2 ID: 75189738900

Option 3 ID: 75189738899 Option 4 ID: 75189738897

Status: Answered Chosen Option: 2

 $\textbf{Q.17} \quad \text{Select the number from among the given options that can replace the question mark (?) in the following series.}$

67, 67, 56, ?, 45, 45, 34, 34, 23, 23, 12

Ans X 1. 53

√ 2. **56**

X 3. 67

X 4. 45

Question ID: 7518978036

Option 1 ID: 75189732144

Option 2 ID: 75189732142

Option 3 ID: 75189732143

Option 4 ID: 75189732141

Status : Answered Chosen Option: 2

Q.18 If the length of a conductor is increased five times, keeping material and thickness same, its resistance will

Ans \times 1. become one-fifth of the original

✓ 2. become five times of the original

X 3. become double

X 4. remain same

Question ID : 7518979553 Option 1 ID : 75189738211 Option 2 ID : 75189738212 Option 3 ID : 75189738209 Option 4 ID : 75189738210 Status : Answered

Chosen Option : 2

Q.19 What is the altitude of the outermost range of Himalayas, the Shiwaliks?

Ans 🗳 1. 900 to 1100 meter

× 2. 800 to 1000 meter

× 3. 600 to 800 meter

× 4. 700 to 900 meter

Question ID : 7518979421 Option 1 ID : 75189737681 Option 2 ID : 75189737682 Option 3 ID : 75189737684 Option 4 ID : 75189737683

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.20 Refer to the following letter, number, symbol series and answer the question.

(Left) H $^{\wedge}$ 5 T & M 4 @ 5 # 1 4 J 3 P H 9 L ! 5 2 (Right)

If all numbers are dropped from the series, which of the following will be fifth from the right?

Ans 🗙 1. P

√ 2. **J**

X 3. **a**

X 4. L

Question ID: **7518979161** Option 1 ID: **75189736644**

Option 2 ID : **75189736643** Option 3 ID : **75189736642**

Option 4 ID: 75189736641

Status: Answered



Q.21 What was the fundamental property used by Mendeleev to arrange elements in his Periodic Table?

- Ans X 1. Solid nature
 - √ 2. Atomic mass
 - X 3. Liquid nature
 - ¥ 4. Gaseous nature

Question ID: 7518979681 Option 1 ID: 75189738723 Option 2 ID: 75189738722 Option 3 ID: 75189738724 Option 4 ID: 75189738721 Status: Answered

Chosen Option: 2

Q.22 Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

Statement:

The state government of state X has decided to move 40% of the city buses from the south of city A to the west of city A for the monsoon season.

Which of the following can be concluded from the given information?

I. The inflow of passengers in the western part of the city is usually substantially more during the monsoon season than the rest of the year.

II. The buses that remain in the south of city A will be sufficient to manage the general inflow of passengers.

Neither I nor II can be concluded from the given information.

- ★ 2. Only I can be concluded from the given information.
- ✓ 3. Both I and II can be concluded from the given information.
- X 4. Only II can be concluded from the given information.

Question ID: 7518979089 Option 1 ID: 75189736356 Option 2 ID: 75189736353 Option 3 ID: 75189736355 Option 4 ID: 75189736354 Status: Answered Chosen Option: 1

Q.23 Which of the following alphanumeric-clusters will replace the question mark (?) in the given series to make it logically complete?

P5U, N7U, L3O, J8R, ?

- Ans X 1. H3E
 - × 2. H2F
 - ★ 3. H4D

Question ID: 7518979744 Option 1 ID: 75189738973 Option 2 ID: 75189738974 Option 3 ID: 75189738976 Option 4 ID: 75189738975 Status: Answered



Q.24 The labelling for the parts a, b and c of the human respiratory system shown below are given as options. Identify the correct option.



Ans X 1. a - Larynx, b - Pharynx, c - Trachea

X 2. a - Pharynx, b - Trachea, c - Larynx

X 3. a - Trachea, b - Larynx, c - Pharynx

Question ID: 7518974590

Option 1 ID: 75189718357

Option 2 ID: 75189718358

Option 3 ID : **75189718360**

Option 4 ID : **75189718359** Status : **Answered**

Chosen Option : 4

Q.25 In a code language, 'you are my world' is written as 'kai po che lu', 'my home world' is written as 'je po kai', and 'she was my girl' is written as 'da mu kai va'. What is the code for the word 'world' in that language?

Ans 🔀 1. mu

√ 2. po

X³. kai

× 4. lu

Question ID: 7518977676

Option 1 ID: 75189730701

Option 2 ID : **75189730703** Option 3 ID : **75189730704**

Option 4 ID : **75189730702**

Status : Answered

Chosen Option : 2

Q.26 The Third Five-Year Plan of India was launched under the leadership of

Ans X 1. Lal Bahadur Shastri

✓ 2. Jawaharlal Nehru

× 3. Gulzarilal Nanda

★ 4. Morarji Desai

Question ID: 7518977519

Option 1 ID: 75189730073

Option 2 ID: 75189730075

Option 3 ID: 75189730074

Option 4 ID: 75189730076

Status: Marked For Review



Q.27 Using empirical relation between the mean, median and mode, find the value of the median if the mean is 35 and mode is 140. Ans X 1. 90 X 2. 80 X 3. 100 **4.** 70 Question ID: 7518978724 Option 1 ID: 75189734894 Option 2 ID: 75189734895 Option 3 ID: 75189734893 Option 4 ID: 75189734896 Status: Answered Chosen Option: 4 Q.28 The Union Territory of Lakshadweep has _____ inhabited islands as of March 2022. Ans X 1. 16 X 2. 14 **3**. 10 X 4. 12 Question ID: 7518978567 Option 1 ID: 75189734268 Option 2 ID: 75189734267 Option 3 ID: 75189734266 Option 4 ID: 75189734265 Status: Marked For Review Chosen Option: 4 $\textbf{Q.29} \quad \text{In a class of 23 students Parul ranked } 6^{\text{th}} \text{ from the top and Shomya ranked } 19^{\text{th}} \text{ from the bottom. How many students}$ ranked between Parul and Shomya? Ans 🧼 1. 0 X 2. 2 **X** 3. 1 X 4. 12 Question ID: 7518977892 Option 1 ID: 75189731565 Option 2 ID: 75189731567 Option 3 ID: 75189731566 Option 4 ID: 75189731568 Status: Answered Chosen Option : 1



Q.30 In the year 2021, who among the following received the Shanti Swarup Bhatnagar Award in biological science?

Ans X 1. Aditi Sen De

✓ 2. Amit Singh

X 3. Jyotirmayee Dash

× 4. Kayarat Sai Krishnan

Question ID : 7518977150 Option 1 ID : 75189728600 Option 2 ID : 75189728597 Option 3 ID : 75189728599 Option 4 ID : 75189728598 Status : Answered

Chosen Option : 4

The quadratic equation which has real and equal roots $\frac{3}{5}$ is:

Ans $\times 1. x^2 - 6x + 9 = 0$

 \times 2. $5x^2 - 6x + 9 = 0$

 $\sqrt{3}$ 25 x^2 - 30x + 9 = 0

 \times 4. $x^2 - 30x + 3 = 0$

Question ID : 7518979309 Option 1 ID : 75189737234 Option 2 ID : 75189737233 Option 3 ID : 75189737236 Option 4 ID : 75189737235

Status : **Answered** Chosen Option : **1**

Q.32 To obtain a virtual and erect image by reflection from a concave mirror of focal length 20 cm, the object should be placed:

Ans X 1. at 20 cm

× 2. between 20-40 cm

X 4. at zero

Question ID : **7518979490** Option 1 ID : **75189737957**

Option 2 ID: **75189737958**Option 3 ID: **75189737959**Option 4 ID: **75189737960**

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.33 Resistance of a conducting wire is 15 ohm. If another wire of the same material and length but having one-third radius is taken, then the resistance of the second wire will be _____.

Ans 🗳 1. 135 ohm

× 2. 45 ohm

X 3. 60 ohm

X 4. 5 ohm

Question ID: 7518979555
Option 1 ID: 75189738219
Option 2 ID: 75189738218
Option 3 ID: 75189738220
Option 4 ID: 75189738217
Status: Answered

Chosen Option: 4

Q.34 As on April 2022, the Indian Constitution contains _____ Articles, with 12 Schedules.

Ans 🛷 1. 448

X 2. 378

X 3. 484

X 4. 336

Question ID : **7518978921** Option 1 ID : **75189735682**

Option 2 ID: **75189735684**Option 3 ID: **75189735683**Option 4 ID: **75189735681**

Status : **Answered** Chosen Option : **1**

Q.35 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:

- Some biscuits are cookies.
- 2. Some cookies are pastries.
- 3. All pastries are creams.

Conclusions:

- Some pastries are biscuits.
- II. Some creams are biscuits.
- III. Some creams are cookies.

Ans X 1. Only conclusion I and II are true

✓ 2. Only conclusion III is true

X 3. Only conclusion II is true

★ 4. Only conclusion I is true

Question ID : **7518978209** Option 1 ID : **75189732836**

Option 2 ID: **75189732835**Option 3 ID: **75189732834**Option 4 ID: **75189732833**

Status : Answered



Q.36 A strong magnet is moved towards a stationary coil. The induced current in the coil is the maximum when the angle between the direction of motion of the magnet and the plane of the coil is _

Ans × 1. 75°

√ 2. **90**°

X 3. 45°

X 4. 15°

Question ID : 7518976755 Option 1 ID: 75189727019 Option 2 ID: 75189727020 Option 3 ID: 75189727018 Option 4 ID: 75189727017

Status : Answered Chosen Option: 2

Q.37 Poona Pact was between Mahatma Gandhi and

X 1. Lord Mountbatten

× 2. Lord Irwin

X 3. Sardar Vallabhbhai Patel

Question ID: 7518977174

Option 1 ID: 75189728696

Option 2 ID: 75189728694

Option 3 ID: 75189728695

Option 4 ID: 75189728693 Status: Answered

Chosen Option: 4

Q.38 Which of the following is NOT a location for the Kumbh mela religious festival?

Ans X 1. Haridwar

X 2. Allahabad

★ 4. Ujjain

Question ID : 7518979380

Option 1 ID: 75189737518

Option 2 ID: 75189737519

Option 3 ID: 75189737520 Option 4 ID: 75189737517

Status: Answered



- Express $0.1\overline{7}$ in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.
- Ans
- 🗙 1. $\frac{7}{45}$
- χ 2. $\frac{5}{49}$
- \times 3. $\frac{6}{49}$

Question ID : 7518979213

Option 1 ID: 75189736849

Option 2 ID: 75189736852

Option 3 ID : **75189736851** Option 4 ID : **75189736850**

Status : Answered

Chosen Option : 4

- Q.40 According to the 2011 census of languages, which is the second highest spoken language in India?
- Ans
 - × 1. Telugu
 - 🖋 2. Bengali
 - X 3. Gujarati
 - X 4. Tamil

Question ID: 7518979389

Option 1 ID: 75189737553

Option 2 ID: 75189737554

Option 3 ID : **75189737556**

Option 4 ID : **75189737555** Status : **Answered**

Chosen Option : 2

Q.41

In March 2022, who was selected for the 31^{st} GD Birla Award for Outstanding Contribution and Scientific Research in the field of Physics?

Ans

- Professor Amrita Hazra
- X 2. Professor Pinaki Talukdar
- ➤ 3. Professor Deepak Dhar
- 4. Professor Narayan Pradhan

Question ID: 7518973761

Option 1 ID: 75189715044

Option 2 ID : **75189715042**

Option 3 ID : **75189715043**

Option 4 ID : **75189715041**

Status : Answered

y Teachingninja.in

 $^{ extsf{Q.42}}$ If the radius of a sphere is 5 cm, then its surface area is:

Ans

- ✓ 1. 100 π cm²
- \times 2. 121 π cm²
- \times 3. 144 π cm²
- \times 4. 81 π cm²

Question ID: 7518978786 Option 1 ID: 75189735144 Option 2 ID: 75189735143 Option 3 ID: 75189735142 Option 4 ID: 75189735141 Status: Answered

Chosen Option: 1

 $^{{\bf Q.43}}$ Value of refractive index can be calculated by using:

- Ans X 1. Ohm's law
 - X 2. Newton's law
 - X 3. Maxwell's law
 - ✓ 4. Snell's law



Question ID: 7518979506 Option 1 ID: 75189738021 Option 2 ID: 75189738024 Option 3 ID: 75189738022 Option 4 ID: 75189738023 Status: Answered

Chosen Option: 4

Q.44 Apart from nucleus of the cell, which two cell organelles have their own DNA and Ribosomes?

Ans

- ✓ 1. Plastids and Mitochondria
- × 2. Plastids and Golgi bodies
- ★ 3. Mitochondria and Lysosomes
- × 4. Mitochondria and Golgi bodies

Question ID: 7518974515

Option 1 ID: 75189718059

Option 2 ID: 75189718057

Option 3 ID: 75189718058

Option 4 ID: 75189718060 Status: Answered

Q.45 In a certain code language, 'SYMBOLIC' is written as 'CPTZNMJD' and 'SYMPATHY' is written as 'QBTZNUIZ'. How will 'SURVIVAL' be written in that language?

Ans X 1. TJWVSMBW

X 2. WJTVSBWM

X 4. WJTUSVBM

Question ID: 7518977678
Option 1 ID: 75189730710
Option 2 ID: 75189730709
Option 3 ID: 75189730712
Option 4 ID: 75189730711

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.46 The quadratic equation whose roots are 2 and $-\frac{1}{2}$ is:

Ans \times 1. $3x^2 - 3x - 2 = 0$

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

 \times 3. $2x^2 - 5x - 2 = 0$

 \times 4. $5x^2 - 3x - 2 = 0$

Question ID: 7518979311

Option 1 ID: 75189737241

Option 2 ID: 75189737244

Option 3 ID : **75189737242** Option 4 ID : **75189737243**

Status : Answered

 ${\bf Q.47} \quad {\bf Select \ the \ set \ in \ which \ the \ numbers \ are \ related \ in \ the \ same \ way \ as \ are \ the \ numbers \ of \ the}$ 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/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) (1, 2)(5, 10)Ans X 1. 7, 405 **√** 2. **4**, 8 × 3. 3, 33 × 4. 2, 10 Question ID: 7518978059 Option 1 ID: 75189732235 Option 2 ID: 75189732234 Option 3 ID: 75189732236 Option 4 ID: 75189732233 Status : Not Attempted and Marked For Review Chosen Option: --Q.48 A point on the principal axis which is at double the distance between P and F for a spherical mirror is: Ans **X** 1. pole × 2. infinity ★ 3. principal focus √ 4. centre of curvature Question ID: 7518979470 Option 1 ID: 75189737879 Option 2 ID: 75189737877 Option 3 ID: 75189737880 Option 4 ID: 75189737878 Status: Answered Chosen Option: 4 $\textbf{Q.49} \quad \text{The curved surface area of a cylinder is } 1848 \text{ cm}^2 \text{ and its base radius is } 19.6 \text{ cm}. \text{ The height of the cylinder is:}$ Ans X 1. 13 cm √ 2. 15 cm × 3. 14 cm X 4. 17 cm

> Question ID: 7518979326 Option 1 ID: 75189737302 Option 2 ID: 75189737304 Option 3 ID: 75189737303 Option 4 ID: 75189737301 Status: Answered

Chosen Option: 2

Teachingninja.in

Q.50 If '+' means '×', '×' means '+', '+' means '-', and '-' means '+', then what will be the value of the given expression?

 $999 - 3 + 10 \times 5 \div 4$

Ans X 1. 1000

X 2. 550

X 3. 3000

4. 1001

Question ID : 7518979790 Option 1 ID : 75189739158 Option 2 ID : 75189739157 Option 3 ID : 75189739159 Option 4 ID : 75189739160

Status : Answered

Chosen Option: 4

Q.51 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such male lecturers are there who are NOT eligible?

Ans 🔀 1. 6

v 2. **4**

X 3. 10

X 4. 2

Question ID : 7518979723

Option 1 ID: 75189738890

Option 2 ID: **75189738889**

Option 3 ID : **75189738892**

Option 4 ID : **75189738891** Status : **Answered**

Chosen Option : 2

Q.52 In a cell, where does the process of breakdown of glucose, a 6-carbon molecule, to pyruvate, a 3-carbon molecule, take place?

Ans X 1. Mitochondria

2. Cytoplasm

X 3. Golgi apparatus

★ 4. Chloroplast

Question ID : 7518977798

Option 1 ID: 75189731189

Option 2 ID: 75189731190

Option 3 ID: 75189731192

Option 4 ID : **75189731191**Status : **Answered**



Q.53 Six friends P, Q, R, M, N and O prepared together for a class test and each one scored different marks. Only 3 friends scored less marks than R. N scored less marks than only 1 friend. Only O scored marks between the marks of P and M. Who scored the highest marks?

Ans X 1. R

X 2. M

X 3. **P**

√ 4. Q

Question ID: 7518979739 Option 1 ID: 75189738956 Option 2 ID: 75189738953 Option 3 ID: 75189738954 Option 4 ID: 75189738955

Status : Answered Chosen Option: 4

Q.54 Five boxes A, B, C, D, and E are kept one over the other but not necessarily in the same order. The box A is not kept above or below box C or E which are kept together. Box B is kept at the third place above box C. There is only one box between box D and E and one of them is kept at the bottom. Which box is kept in the middle?

Ans X 1. C

X 2. A

√ 3. D

X 4. B

Question ID: 7518977900

Option 1 ID: 75189731599 Option 2 ID: 75189731597

Option 3 ID: 75189731600 Option 4 ID: 75189731598

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.55 Which air mass is warm?

Ans

✓ 1. Continental Tropical

× 2. Continental Polar

X 3. Maritime Polar

★ 4. Continental Arctic

Question ID: 7518977252

Option 1 ID: 75189729008

Option 2 ID: 75189729005

Option 3 ID: 75189729007

Option 4 ID: 75189729006

Status : Not Attempted and Marked For Review

 $\textbf{Q.56} \quad \textbf{If 3 is added to each odd digit and 1 is subtracted from each even digit in the number 4815421,}\\$ what will be the sum of the digits that are third from the left and third from the right in the new number thus formed? Ans × 1. 9 X 2. 10 **√** 3. **7** X 4. 11

> Question ID: 7518978330 Option 1 ID: 75189733317 Option 2 ID: 75189733320 Option 3 ID: 75189733318 Option 4 ID: 75189733319

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.57 Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between A and G. Only two people sit to the left of A. F is not an immediate neighbour of G. F sits second to the right of E. C sits to the immediate right of B. Who sits at the extreme left end of the row?

Ans X 1. C

X 2. A

√ 3. **D**

X 4. G

Question ID: 7518978174 Option 1 ID: 75189732695 Option 2 ID: 75189732694 Option 3 ID: 75189732693 Option 4 ID: 75189732696 Status : Answered

Chosen Option: 3

Q.58 Who among the following became the Vice -President of India from 11th August 2022?

X 1. B. D. Mishra

× 2. Biswabhusan Harichandan

X 3. Phagu Chauhan

Question ID: 7518979448 Option 1 ID: 75189737790 Option 2 ID: 75189737789 Option 3 ID: 75189737792 Option 4 ID: 75189737791 Status: Answered



 $^{\hbox{\scriptsize Q.59}}$ The safety device that works on the heating effect of electric current is:

Ans X 1. Switch

✓ 2. Fuse

X 3. Heater

X 4. Electric motor

Question ID : 7518979567 Option 1 ID : 75189738265 Option 2 ID : 75189738266 Option 3 ID : 75189738268 Option 4 ID : 75189738267 Status : Answered

Chosen Option : 2

Q.60 A dishonest shopkeeper uses false weights. He gains 30% on purchasing and 30% on selling. His profit percentage is:

Ans 1. 69%

X 2. 99%

X 3. 89%

X 4. 79%

Question ID : 7518978687 Option 1 ID : 75189734748 Option 2 ID : 75189734745 Option 3 ID : 75189734746 Option 4 ID : 75189734747 Status : Answered

Chosen Option: 1

Q.61 A team of 30 men is supposed to complete a work in 41 days. After 25 days, 6 more men are employed, and the work is finished one day earlier. By how many days would it have been delayed, if 6 more men were not employed?

Ans X 1. 3 days

★ 3. 4 days

X 4. 1 day

Question ID: 7518979267

Option 1 ID: 75189737067

Option 2 ID: 75189737066

Option 3 ID: 75189737068

Option 4 ID: 75189737065

Status : Not Attempted and Marked For Review

Chosen Option : --

 $^{\hbox{\scriptsize Q.62}}$ Name the instrument used by the physicians to measure blood pressure.

Ans

- √ 1. Sphygmomanometer
- ★ 2. Stethoscope
- X 3. Echocardiogram
- ★ 4. Spirometer

Question ID: 7518974392 Option 1 ID: 75189717566 Option 2 ID: 75189717567 Option 3 ID: 75189717565 Option 4 ID: 75189717568

Status : Answered

Chosen Option: 1

Q.63 The elements having atomic numbers 15, 16, 17, and 18, respectively, are:

- Ans X 1. Ar, Cl, S and P
 - X 2. S, P, Cl and Ar

 - X 4. P, S, Ar and Cl

Question ID: 7518979671

Option 1 ID: 75189738682

Option 2 ID: 75189738683

Option 3 ID: 75189738681

Option 4 ID: 75189738684 Status: Answered

Chosen Option: 3

Q.64 How many formula units of CaSO₄ are attached to one molecule of water of crystallisation in Plaster of Paris?

- Ans X 1. 3
 - X 2. 1
 - √ 3. 2
 - X 4. 4

Question ID: 7518979663

Option 1 ID: 75189738651

Option 2 ID: 75189738649

Option 3 ID: 75189738650

Option 4 ID: 75189738652

Status: Marked For Review



Q.65 The Revised PMJVK Scheme 2022-23, will now be implemented in all districts of the country including all the aspirational districts. States/ UTs can propose infrastructure projects in the identified areas where the concentration of minority population is more than ______ in the catchment area (5 km radius).

Ans X 1. 15%

× 2. 20%

X 3. 10%

√ 4. 25%

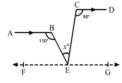
Question ID: 7518976546 Option 1 ID: 75189726182 Option 2 ID: 75189726183 Option 3 ID: 75189726181 Option 4 ID: 75189726184

Status : Not Answered

Chosen Option: --

Q.66 In the given figure, lines AB and CD are parallel to line FG. E is a point on the line FG. It is given that ∠ABE = 110°.

∠ECD = 95° and ∠BEC = x°. The value of x is:



Ans

X 1. 30°

√ 2. 25°

X 3. 80°

X 4. 60°

Question ID : **7518979334**

Option 1 ID: **75189737336**Option 2 ID: **75189737333**Option 3 ID: **75189737333**

Option 4 ID : **75189737334**Status : **Answered**

Chosen Option: 3

Q.67 If (a + b) = 11 and (a - b) = 3 then, the value of $(a^2 + b^2)$ is:

Ans X 1. 63

X 2. 75

× 3. 70

√ 4. 65

Question ID : 7518979282

Option 1 ID: 75189737125

Option 2 ID: **75189737128**

Option 3 ID : **75189737126**

Option 4 ID : **75189737127**Status : **Answered**

Q.68 The Government of India set up a committee to review the Fiscal Responsibility and Budget Management Act 2003, under the Chairmanship of NK Singh, in the year _____.

Ans X 1. 2013

✓ 2. 2016

X 3. 2015

X 4. 2014

Question ID: 7518978541
Option 1 ID: 75189734161
Option 2 ID: 75189734164
Option 3 ID: 75189734163
Option 4 ID: 75189734162

Status : Marked For Review

Chosen Option : 2

Q.69 Raghav starts from Point A and drives 30 km towards the north. He then takes a right turn, drives 34 km, turns right and drives 41 km. He then takes a right turn and drives 47 km. He takes a final right turn, drives 11 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P in a straight line? (All turns are 90 degree turns only)

Ans 💚 1. 13 km towards the east

× 2. 15 km towards the west

X 3. 23 km towards the east

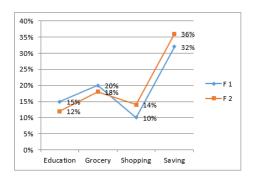
× 4. 13 km towards the south

Question ID: 7518978285 Option 1 ID: 75189733137 Option 2 ID: 75189733138 Option 3 ID: 75189733139 Option 4 ID: 75189733140

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.70 The given graph provides the details of expenses (in percentage) by two families (F1 and F2). Study the graph and answer the question.



Find the average percentage expense for grocery and shopping by family F 1.

Ans X 1. 31%

X 2. 16%

X 3. 33%

4. 15%

Question ID: 7518979798

Option 1 ID: 75189739192

Option 2 ID: 75189739190

Option 3 ID: 75189739191 Option 4 ID: 75189739189

Status: Answered

Chosen Option : 4

Q.71 Six persons, P, Q, R, S, T and U travelled in different months of the same year viz. January, February, March, July, September and December.

R travelled in September. Only one person travelled between R and T. No one travelled between U and P. P travelled in a month after U. More than two people travelled between P and S. Who among them travelled in July?

Ans 🔀 1. T

√ 2. Q

X 3. **P**

X 4. S

Question ID: 7518978192

Option 1 ID: 75189732767

Option 2 ID: 75189732766

Option 3 ID: 75189732768

Option 4 ID: 75189732765

Status : Not Attempted and Marked For Review

Q.72 Which of the following numbers will replace the question mark (?) in the given series? 96, 98, 102, 110, 126, ? Ans × 1. 162 **√** 2. 158 X 3. 166 X 4. 160 Question ID: 7518978303 Option 1 ID: 75189733212 Option 2 ID: 75189733209 Option 3 ID: 75189733211 Option 4 ID: 75189733210 Status: Answered Chosen Option: 2 Q.73 In \triangle PQR, if \angle P : \angle Q : \angle R = 6 : 7 : 5 then, the measure of \angle Q is: Ans × 1. 55° X 2. 60° √ 3. 70° × 4. 75° Question ID: 7518979336 Option 1 ID: 75189737341 Option 2 ID: 75189737343 Option 3 ID: 75189737342 Option 4 ID: 75189737344 Status: Answered Chosen Option: 3 is a government scheme meant for old age protection and social security of Unorganised workers. ★ 1. Atal Pension Yojna 🔀 2. Life Cover under Pradhan Mantri Jan Dhan Yojana 🖋 3. Pradhan Mantri Shram Yogi Maandhan Yojana Y 4. Varishtha Pension Bima Yojana. Question ID: 7518978839 Option 1 ID: 75189735353 Option 2 ID: 75189735354 Option 3 ID: 75189735356 Option 4 ID: 75189735355 Status: Answered



Q.75 If $7\sin^2 x + 3\cos^2 x = 4$, and x is acute angle, then the value of $\cot x + \tan x$ will be:

Ans

- \times 1. $\frac{5}{\sqrt{3}}$
- \times 2. $\frac{2}{\sqrt{3}}$
- 3. ⁴/_{√3}
- \times 4. $\frac{7}{\sqrt{3}}$

Question ID: 7518979346

Option 1 ID: 75189737383

Option 2 ID: 75189737381

Option 3 ID : **75189737382** Option 4 ID : **75189737384**

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.76 What is the form of contraception that can help stop the spread of sexually transmitted diseases to some extent?

Ans

- ★ 1. Oral contraceptive pills
- × 2. Vasectomy
- X 3. IUD
- √ 4. Condoms

Question ID: 7518974424

Option 1 ID: 75189717694

Option 2 ID: 75189717693

Option 3 ID : **75189717695**

Option 4 ID : **75189717696** Status : **Answered**

Chosen Option: 4

Q.77 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic.
Study the given pairs carefully and from the given options, select the pair that follows the same logic.

HTY: ZVK

KUY : ZWN

Ans X 1. APK: BRN

X 2. KYT: WAL

X 3. ABG: HCD

✓ 4. AED : EGD

Question ID: 7518978034

Option 1 ID: 75189732135

Option 2 ID: 75189732133

Option 3 ID: 75189732134

Option 4 ID : **75189732136** Status : **Answered**

Q.78 The value of $[(5^2)^4 \times 5^3] \div 5^9$ is:

Ans X 1. 125

X 2. 5

Question ID: 7518979203

Option 1 ID: 75189736810

Option 2 ID: 75189736809

Option 3 ID: 75189736812 Option 4 ID: 75189736811

Status: Answered

Chosen Option: 4

Q.79 What will be the value of the given expression if 4 and 7 are interchanged and also '*' and '+' are interchanged?

 $63 \times 3 - 4 + 18 \div 7$

Ans 🗼 1. 86

X 2. 48

X 3. 56

X 4. 68

Question ID: 7518979796

Option 1 ID: 75189739182

Option 2 ID: 75189739183

Option 3 ID: 75189739181

Option 4 ID: 75189739184 Status: Answered

Chosen Option: 1

Q.80 Each vowel in the word HAPPILY is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

Ans 🗙 1. K

X 2. B

√ 3. **O**

X 4. P

Question ID: 7518978245

Option 1 ID: 75189732980

Option 2 ID: 75189732978

Option 3 ID: 75189732979

Option 4 ID: 75189732977

Status: Answered



Q.81 A man travels from point A to B at a speed of $56\frac{1}{4}$ km/h and returns to A through same route by increasing his speed by $33\frac{1}{2}\%$ of his earlier speed. His average speed (in km/h) for the whole journey is

Ans

- $\times 2.60\frac{5}{7}$
- \times 3. $63\frac{1}{2}$
- √ 4. 64²/₇

Question ID: 7518978412

Option 1 ID: 75189733646

Option 2 ID: 75189733645

Option 3 ID: 75189733647

Option 4 ID: 75189733648

Status: Answered Chosen Option: 4

Q.82 If the 8-digit number $3 \times 5479 \times 94$ is divisible by 88 and the 8-digit number 425139×21 is divisible by 9, then what is the greatest possible value of (3 x + 2y - z)?

- Ans X 1. 37
 - X 2. 35
 - **√** 3. **33**
 - **X** 4. 25

Question ID: 7518978350

Option 1 ID: 75189733400

Option 2 ID: 75189733399

Option 3 ID: 75189733398 Option 4 ID: 75189733397

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.83 The highest common factor of any two distinct prime numbers is:

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

Question ID: 7518978642

Option 1 ID: 75189734565

Option 2 ID: 75189734567

Option 3 ID: 75189734568

Option 4 ID: 75189734566 Status: Answered

Q.84 The population of a village increases at the rate of 10% per annum. If its population 2 years ago was 10,000, the present population is:

Ans X 1. 12,000

× 2. 12,400

3. 12,100

X 4. 11,000

Question ID : 7518979241
Option 1 ID : 75189736962
Option 2 ID : 75189736964
Option 3 ID : 75189736963
Option 4 ID : 75189736961
Status : Answered

Chosen Option: 3

Q.85 Who stated that the principle of maximum social advantage is the most fundamental principle lying at the root of public finance?

Ans X 1. Arthur Cecil Pigou

× 2. Martin EP Seligman

X 4. John R Hicks

Question ID: 7518974226

Option 1 ID: 75189716901

Option 2 ID: 75189716903

Option 3 ID : **75189716902**

Option 4 ID : **75189716904**

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.86 The expenditure of Sudha is 125% more than her savings. If her expenditure decreases by 6% and savings increase by 26.5%, then by what percent does her income increase?

Ans X 1. 20.5%

2. 4%

× 3. 8%

× 4. 18.5%

Question ID : 7518978362

Option 1 ID: 75189733445

Option 2 ID: 75189733448

Option 3 ID: 75189733447

Option 4 ID: 75189733446

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



Q.87 In 1989, which committee recommended constitutional recognition for the local government bodies?

- Ans X 1. AK Mathur Committee
 - X 2. Vasudev Committee

 - ★ 4. Vaghul Committee

Question ID: 7518979453 Option 1 ID: 75189737810 Option 2 ID: 75189737811 Option 3 ID: 75189737809 Option 4 ID: 75189737812 Status: Not Answered

Chosen Option : --

Q.88 Study the given table and answer the question that follows.

The table presents the total number of new life policies (in thousands) sold by different bank branches over the years

	2001	2002	2003	2004	2005
Branch A	53	34	54	54	76
Branch B	23	57	65	25	45
Branch C	54	54	56	76	34
Branch D	26	25	45	65	48
Branch E	64	76	76	92	90
Branch F	35	45	56	45	76
Branch G	62	52	45	65	45
Branch H	55	13	76	92	34

Which pair of branches have recorded lowest number of policy sales in these years taken together?

- Ans X 1. Branch C and branch D
 - X 2. Branch A and branch E

 - X 4. Branch E and branch F

Question ID: 7518978102 Option 1 ID: 75189732406 Option 2 ID: 75189732405 Option 3 ID: 75189732408 Option 4 ID: 75189732407

Status: Answered Chosen Option: 3

- Q.89 As stated by the law of variable proportions, as additional units of a variable factor are combined with a given level of fixed factors and technology, the marginal product of the variable factor __
- Ans √ 1. first increases and then declines
 - × 2. declines sharply
 - X 3. first declines and then increases
 - × 4 increases sharply

Question ID: 7518978555 Option 1 ID: 75189734217 Option 2 ID: 75189734220 Option 3 ID: 75189734218 Option 4 ID: 75189734219 Status: Not Answered

Chosen Option: --

- Q.90 $Na_2SO_4(aq) + BaCl_2(aq) \longrightarrow BaSO_4(s) + 2NaCl(aq)$
 - In the given reaction, which product remains in the solution?
- Ans 🗸 1. NaCl
 - × 2. Na₂SO₄
 - × 3. BaSO₄
 - X 4. BaCl₂

- Question ID: 7518979620
- Option 1 ID: 75189738478
- Option 2 ID: 75189738480
- Option 3 ID: 75189738477
- Option 4 ID: 75189738479 Status: Marked For Review
- Chosen Option : 1
- Q.91 Which Muslim festival is celebrated to mark the culmination of the hajj (pilgrimage) rites at Minā, Saudi Arabia, near
- Ans 🗸 1. Eid Al-Adha
 - × 2. Muharram
 - ×3. Eid-Ul-Fitr
 - X 4. Milad un-Nabi

Question ID: 7518979397

Option 1 ID: 75189737585

Option 2 ID: 75189737588

Option 3 ID: 75189737587

Option 4 ID: 75189737586 Status: Marked For Review

- Q.92 Which of the following leads to global warming?
- \checkmark 1. Increase in CO₂ percentage in the air
 - × 2. Afforestation
 - ★ 3. Accumulation of plastic waste

Question ID: 7518977858 Option 1 ID: 75189731430 Option 2 ID: 75189731429 Option 3 ID: 75189731432 Option 4 ID: 75189731431 Status: Answered

Chosen Option : 1

Q.93 A shopkeeper sells one battery for ₹650 at a profit of 30% and another battery for ₹950 at a loss of 5%. His overall gain or loss percentage is:

$$\times$$
 1. $9\frac{2}{3}\%$ loss

$$\times$$
 3. $7\frac{2}{3}$ % loss

$$\times$$
 4. $8\frac{2}{3}$ % gain

Question ID: 7518978686

Option 1 ID: 75189734741

Option 2 ID: 75189734744

Option 3 ID: 75189734743

Option 4 ID: 75189734742 Status: Answered

Chosen Option: 2

Q.94 Which of the following molecules has only single bonds?

Ans
$$\times$$
 1. O_2

Question ID: 7518973389

Option 1 ID: 75189713556

Option 2 ID: 75189713553

Option 3 ID: 75189713554

Option 4 ID: 75189713555

Status: Answered Chosen Option: 2

Q.95 Six students, J, K, L, M, N and O, decided to race during a PE lesson. Each had a different speed in the race. N ran faster than M but slower than L. M ran slower than J but faster than O. K ran faster than L. J ran slower than L. Who among the six ran the fastest?

Ans 🧳 1. K

X 2. L

X 3. **J**

X 4. N

Question ID: 7518974971 Option 1 ID: 75189719881 Option 2 ID: 75189719882 Option 3 ID: 75189719883 Option 4 ID: 75189719884

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.96 The sum of three consecutive natural numbers is 141. The middle number is:

Ans X 1. 57

√ 2. 47

X 3. 56

X 4. 46

Question ID: 7518978741 Option 1 ID: 75189734961 Option 2 ID: 75189734963 Option 3 ID: 75189734962 Option 4 ID: 75189734964

Status: Answered Chosen Option: 2

Q.97 Consider the below statements and identify the correct answer.

Statement- I: The stinging hair of nettle leaves injects methanoic acid causing burning pain.

Statement-II: Use of a mild base like baking soda on the stung area gives relief.

Ans X 1. Only Statement I is correct.

2.

Both statements are correct. Statement II is not related to Statement I.

Both Statements are correct. Statement II is related to Statement I.

★ 4. Only Statement II is correct.

Question ID: 7518973636 Option 1 ID: 75189714543 Option 2 ID: 75189714541 Option 3 ID: 75189714542 Option 4 ID: 75189714544

Status: Answered



- $^{\rm Q.98}$ Magnetic field lines around the current carrying circular loop are:
- Ans X 1. perpendicular to conductor
 - × 2. semi-circular
 - X 3. parallel lines
 - √ 4. concentric circles

Question ID: 7518979581 Option 1 ID: 75189738321 Option 2 ID: 75189738323 Option 3 ID: 75189738322 Option 4 ID: 75189738324

Status : Answered

Chosen Option: 4

- Q.99 Which country has been declared as the winner of the 3rd edition of the SAFF U-18 Women's Football Championship 2022?
- Ans X 1. Bangladesh
 - ✓ 2. India
 - X 3. Pakistan
 - × 4. Nepal

Question ID : **7518979350**Option 1 ID : **75189737398**Option 2 ID : **75189737397**Option 3 ID : **75189737399**

Option 4 ID : **75189737400**Status : **Marked For Review**

Chosen Option : 1

- Q.100 The cost of 2 kg of apples and 2 kg of grapes on a day was found to be ₹160. After a month, the cost of 4 kg of apples and 3 kg of grapes was ₹300. Assuming the costs were not changed during the month, the cost of apples (per kg) will be:
- - × 2. ₹20
 - **X** 3. ₹40
 - ×4. ₹120

Question ID: 7518979286

Option 1 ID: 75189737144

Option 2 ID : **75189737143**

Option 3 ID: 75189737142

Option 4 ID: 75189737141

Status : Answered

