

RRB GROUP - D SHIFT - 1 (15-09-2022)



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



(K-144-144)	
Roll Number	
Candidate Name	
Test Center Name	
Test Date	15/09/2022
Test Time	9:00 AM - 10:30 AM
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 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.

6:64::11:169::8:?

Ans X 1. 72

X 2. 70

X 3. 81

√ 4. 100

Question ID: 75189710928 Option 1 ID: 75189743712

Option 2 ID: 75189743711 Option 3 ID: 75189743709

Option 4 ID: **75189743710** Status: Answered

Chosen Option: 4

Which one of the following is the official language of Goa?

X 1. Kokborok

× 2. Khamti

√ 3. Konkani

★ 4. Tamang

Question ID : **7518977191**

Option 1 ID: **75189728762**

Option 2 ID: **75189728763**

Option 3 ID: 75189728761

Option 4 ID: 75189728

Status: Answered Chosen Option: 3



Q.3 Find the value of $\frac{\cos^212^\circ+\cos^223^\circ}{2\sin^278^\circ+2\sin^267^\circ} \ .$

Ans

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

Question ID: 7518979114 Option 1 ID: 75189736455 Option 2 ID: 75189736454 Option 3 ID: 75189736453 Option 4 ID: 75189736456 Status: Not Answered

Chosen Option : --

Q.4 The greatest number which divides 1876, 12503, and 6877 leaving remainders 1, 3, and 2, respectively, is:

- Ans X 1. 555
 - X 2. 655
 - X 3. 675
 - **√** 4. 625

Question ID: 7518979218 Option 1 ID: 75189736871 Option 2 ID: 75189736872 Option 3 ID: 75189736870 Option 4 ID: 75189736869 Status: Answered

Chosen Option: 4

Q.5 Which of the following elements does NOT belong to period 3 of the Modern Periodic Table?

- Ans X 1. Ar
 - ✓ 2. Ge
 - **X** 3. **S**
 - **X** 4. Al

Question ID: 75189710392 Option 1 ID: **75189741566** Option 2 ID: **75189741568** Option 3 ID: 75189741567 Option 4 ID: 75189741565 Status: Answered

Q.6 Who among the following founded the Satyashodhak Samaj?

Ans

- ✓ ¹ Jyotirao Phule
- X2 Swami Dayanand Saraswati
- X ₃ Narayana Guru
- ★ 4. Ishwarchandra Vidyasagar

Question ID : 7518977467 Option 1 ID : 75189729866 Option 2 ID : 75189729868 Option 3 ID : 75189729865 Option 4 ID : 75189729867 Status : Not Answered

Chosen Option : --

Q.7 The Jewish festival of lights is called:

Ans

- × 1. Nauroj
- × 2. Anthurium
- √ 3. Hanukkah
- X 4. Hornbill

Question ID : 75189710433 Option 1 ID : 75189741731 Option 2 ID : 75189741732 Option 3 ID : 75189741729 Option 4 ID : 75189741730 Status : Not Answered

Chosen Option : --

Write the expanded form of $(3a + 4b + 5c)^2$.

Ans

$$\times$$
 1. $9a^2 + 16b^2 + 25c^2 + 24ab + 40bc + 50ac$

$$\times$$
 2. 9a² + 16b² + 25c² + 24ab + 40bc + 60ac

$$\checkmark$$
 3. $9a^2 + 16b^2 + 25c^2 + 24ab + 40bc + 30ac$

$$\times$$
 4. $9a^2 + 16b^2 + 25c^2 + 24ab + 40bc + 40ac$

Question ID: **7518979982**Option 1 ID: **75189739927**Option 2 ID: **75189739928**

Option 3 ID : **75189739925** Option 4 ID : **75189739926**

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

Q.9 A cricket club bought 12 bats and 18 balls for ₹2,100. After a few days, the cost of the same types of 8 bats and 22 balls purchased at the same rates was ₹1,900. The cost of a bat is: Ans **X** 1. ₹150 **X** 2. ₹50 **X** 3. ₹200 √ 4. ₹100 Question ID: **7518979991** Option 1 ID: **75189739963** Option 2 ID: 75189739961 Option 3 ID: 75189739964 Option 4 ID: **75189739962** Status: Answered Chosen Option: 4 The area of a square plot is 2916 m². The length of each side of the plot (in m) is X 1. 64 × 2. 58 **⊘** 3. **54** X 4. 44 Question ID: 7518979906 Option 1 ID: 75189739624 Option 2 ID: 75189739623 Option 3 ID: 75189739622 Option 4 ID: 75189739621 Status: Answered Chosen Option: 3 Q.11 Electric energy consumed in one second is: Ans X 1. work ★ 2. potential energy × 3. current 4. power Question ID: 7518979569 Option 1 ID: 75189738273 Option 2 ID: 75189738276 Option 3 ID: 75189738274 Option 4 ID: 75189738275 Status: Answered Chosen Option: 3

Q.12 In which of the following years was Shaktikanta Das appointed as the Reserve Bank of India's Governor?

Ans

√ 1. 2018

× 2. 2019

X 3. 2017

×4. 2020

Question ID: 75189710569 Option 1 ID: 75189742274 Option 2 ID: **75189742275** Option 3 ID: **75189742273** Option 4 ID: **75189742276** Status: Not Answered

Chosen Option: --

Q.13 In a code language, 'weather is cool' is written as 'nu vu du', 'temperature cool now' is written as 'hu du ru' and ' temperature is high' is written as 'tu vu ru'. What is the code for the word 'high' in that language?

Ans X 1. I'll

X 2. vu

✓ 3. tu

X 4. du

Question ID: 75189710872 Option 1 ID: 75189743487 Option 2 ID: 75189743486 Option 3 ID: 75189743485 Option 4 ID: 75189743488 Status: Answered Chosen Option: 3

Baking powder is a mixture of:

Ans

★ 1. baking soda + strong base

✓ 2. baking soda + mild edible acid

★ 3. baking soda + strong acid

★ 4 baking soda + weak base

Question ID: **7518979655** Option 1 ID: **75189738620** Option 2 ID: 75189738617 Option 3 ID: 75189738618 Option 4 ID: 75189738619

Status: Answered Chosen Option: 2

Q.15 This question is based on the five, three-digit numbers given below.

(Left) 986 432 631 387 267 (Right)

(Example- 123 - First digit = 1, second digit = 2 and third digit = 3)

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

What will be the resultant if the second digit of the third greatest number is added to the third digit of the smallest

Ans 🗙 1. 11

X 2. 9

X 3. 12

✓ 4. 10

Question ID: 75189711045 Option 1 ID: 75189744178 Option 2 ID: **75189744180** Option 3 ID: 75189744177 Option 4 ID: **75189744179** Status: Answered

Chosen Option: 4

Q.16 The Supreme Court and High Courts have power to issue writs in the nature of habeas corpus, quo warranto, mandamus, certiorari, prohibition, etc., under ____

Ans

✓ 1 Articles 32 and 226, respectively

× 2. Articles 42 and 26, respectively

★ 3. Articles 26 and 42, respectively

X 4. Articles 226 and 32, respectively

Question ID: **7518978929** Option 1 ID: 75189735715 Option 2 ID: **75189735713** Option 3 ID: 75189735716

Option 4 ID: 75189735714 Status: Not Answered

Q.17 The following table shows the sales of different brands of mobiles of a shop during the years 2018-2020. Study the table and answer the question.

Year	Brand (in thousands)		
	A	S	M
2018	175	388	112
2019	312	401	146
2020	202	255	126

What is the percentage decrease in the sales of brand S from the year 2019 to 2020?

Ans X 1. 57.25 %

✓ 2. 36.40%

× 3. 38.32%

X 4. 53.62%

Question ID: 75189710971

Option 1 ID: 75189743882 Option 2 ID: 75189743881

Option 3 ID: 75189743884

Option 4 ID: 75189743883

Status: Answered

Chosen Option: 1

Q.18 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MODERN: RONMED:: GERMAN: AENGMR:: JUNIOR:?

Ans X 1. OURJNI

× 2. OUJRIN

X 4. ORUJIN

Question ID: 7518978030

Option 1 ID: 75189732117

Option 2 ID: 75189732119

Option 3 ID: 75189732118

Option 4 ID: **75189732120**

Status: Answered Chosen Option : 3

Q.19 Which of the following tissues is found below the skin and between the internal organs?

Ans

★ 1. Epithelial tissue

X 2. Nervous tissue

X 3. Muscular tissue

4. Adipose tissue

Question ID: **7518977815**

Option 1 ID: **75189731260**Option 2 ID: **75189731259**Option 3 ID: **75189731257**

Option 4 ID : **75189731258** Status : **Answered**

Chosen Option : 4

Q.20 Who among the following was a renowned Indian Statistician, and was instrumental in formulating India's strategy for Industrialisation in the Second Five Year Plan?

Ans

✓ 1. Prasant Chandra Mahalanobis

× 2. Jagdish Natwarlal Bhagwati

★ 3. Prof. VKRV Rao

X 4. VR Gadgil

Question ID: 75189710467

Option 1 ID : **75189741868**Option 2 ID : **75189741865**Option 3 ID : **75189741866**

Option 4 ID : **75189741867** Status : **Answered**

Q.21 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s)from the statements.

Statements:

Some chairs are tables.

Some tables are pens.

All pens are inks.

Conclusions:

(I) Some chairs are pens.

(II) Some tables are inks.

★ 1. Both conclusions I and II follow

✓ 2. Only conclusion II follows

X 3. Only conclusion I follows

★ 4. Neither conclusion I nor II follow

Question ID: 75189710997 Option 1 ID: 75189743988 Option 2 ID: 75189743986

Option 3 ID: 75189743985 Option 4 ID: 75189743987 Status: Answered

Chosen Option: 2

Q.22 An object is placed on the principal axis of a lens of power 2.0 D, at a distance of 10 cm. The image formed is

Ans X 1. virtual and inverted

× 2. real and inverted

✓ 3. virtual and erect

★ 4. real and erect

Question ID: 7518976638

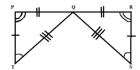
Option 1 ID: 75189726552 Option 2 ID: 75189726551

Option 3 ID: 75189726550

Option 4 ID: 75189726549

Status: Answered

Q.23 As per the figure given below, $\Delta QRS \cong$ _. [Note: Diagram is not drawn to scale or measurements indicated.]



× 1. ΔTPQ

✓ 2. **△QPT**

× 3. ∆*PTQ*

× 4. ∆QTP

Question ID: 7518979112

Option 1 ID: 75189736447 Option 2 ID: 75189736445 Option 3 ID: 75189736446

Option 4 ID: 75189736448 Status: Answered

Chosen Option : 2

Q.24 Who among the following was conferred the Dhyan Chand Award for life time achievement in sports for the year 2021 in the chess discipline?

Ans

✓ 1. Abhijeet Kunte

× 2. Pritam Siwach

X 3. Sandhya Gurung

X 4. Radhakrishnan Nair

Question ID: 7518979349

Option 1 ID: 75189737393 Option 2 ID: **75189737395** Option 3 ID: 75189737396

Option 4 ID: 75189737394

Status: Not Answered

Chosen Option: --

Q.25 During the first year, the population of a town increased by 10% and in the second year it diminished by 10%. At the end of the second year its population was 4,73,220. The population at the beginning of the first year was:

Ans X 1. 4,78,800

× 2. 4,78,880

4,78,000

× 4. 4,78,780

Question ID: 7518979226

Option 1 ID: 75189736901

Option 2 ID: 75189736904 Option 3 ID: 75189736903

Option 4 ID: 75189736902

Status: Answered



Q.26 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $N \le L \ge J \le K \ge I = H \le G$

Conclusions:

I. J = G

II. K > H

Ans X1 Both conclusions I and II are true

X 2. Neither conclusion I nor II is true

X 3. Only conclusion I is true

✓ 4. Only conclusion II is true

Question ID : **7518974963** Option 1 ID : **75189719851**

Option 2 ID : **75189719852** Option 3 ID : **75189719849** Option 4 ID : **75189719850**

Status : **Answered** Chosen Option : **4**

Q.27 Priyanka Nutakki is related to which of the following sports events?

Ans

× 1 Hockey

× 2. Badminton

X 4. Wrestling

Question ID: **7518976799**

Option 1 ID : 75189727195 Option 2 ID : 75189727194 Option 3 ID : 75189727193 Option 4 ID : 75189727196

Status : **Not Answered** Chosen Option : --

Q.28 How many years will it take for a certain sum to get doubled at the rate of $6\frac{1}{4}\%$ simple interest per annum?

Ans

X 1. 6.25

× 2. 8.4

3. 16

X 4. 4

Question ID: **75189710654**

Option 1 ID : **75189742613**Option 2 ID : **75189742616**Option 3 ID : **75189742614**

Option 4 ID : **75189742615** Status : **Answered**

Q.29 Refer to the following letter, symbol series and answer the question.

R # A \$ G H K % T B M & N Y ÷ X B / L Q @ D

If the second symbol and third letter from the left end of series are combined with the fifth and six terms from the right end of the series, then what letter symbol combination will be formed?

Ans \times 1. #\$LB

X 2. \$ # B X

√ 3. \$ G / B

X4. #A/B

Question ID: 7518978998 Option 1 ID: 75189735990 Option 2 ID: **75189735989** Option 3 ID: **75189735992** Option 4 ID: 75189735991 Status: Answered

Chosen Option: 3

Q.30

In which of the following states is the concentration of Buddhism the largest as per 2011 Census data?

Ans

> 1. Uttarakhand

2. Maharashtra

X 3. Goa

× 4. Andhra Pradesh

Question ID: 7518973824 Option 1 ID: 75189715296 Option 2 ID: 75189715294 Option 3 ID: 75189715295 Option 4 ID: 75189715293 Status: Not Answered

Q.31 A man sells two articles for ₹20,000 each. He gets a profit of 15% on one article and loses 15% on the other article. What is his overall profit or loss (to the nearest integer) in this transaction?

Ans

√ 1. ₹921 loss

× 2. ₹921 profit

X 3. ₹1,021 loss

× 4. ₹1,021 profit

Question ID : 7518979944
Option 1 ID : 75189739774
Option 2 ID : 75189739773
Option 3 ID : 75189739776
Option 4 ID : 75189739775
Status : Not Attempted and Marked For Review

Chosen Option: --

Q.32 For a spherical mirror, the distance between the pole and the centre of the curvature is:

Ans

★ 1. half of the radius of curvature

✓ 2. twice the distance between pole and F

X 3. equal to the distance between c and F

× 4. equal to the focal length

Question ID : 7518979458
Option 1 ID : 75189737832
Option 2 ID : 75189737830
Option 3 ID : 75189737831
Option 4 ID : 75189737829
Status : Answered
Chosen Option : 2

Q.33 Which of the following states has the oldest operating oil refinery in India since 1901?

Δne

★ 1. Madhya Pradesh

✓ 2. Assam

× 3. West Bengal

X 4. Mumbai

Question ID: 7518977534
Option 1 ID: 75189730135
Option 2 ID: 75189730136
Option 3 ID: 75189730133
Option 4 ID: 75189730134
Status: Not Answered

Chosen Option : --

Q.34 Kavya went 1 km straight from her friend's home, then turned left and moved 3 km straight. She again turned left and travelled 4 km, from there she turned left and moved 1 km. If she was moving in the west direction at last, then in which direction she initially moved from her friend's home?

Ans X 1. East

× 2. North

X 3. West

4. South

Question ID: 75189710885 Option 1 ID: **75189743540** Option 2 ID: 75189743539 Option 3 ID: 75189743538 Option 4 ID: 75189743537 Status: Answered

Chosen Option: 4

Q.35 If the saving function is S = -30 + 0.3Y, what will be the value of MPC (marginal propensity to consume)?

Ans X 1. 0.9

X 2. 0.3

√ 3. **0.7**

X 4. 0

Question ID: 7518976808 Option 1 ID: 75189727232 Option 2 ID: 75189727230 Option 3 ID: 75189727231 Option 4 ID: 75189727229 Status: Not Answered

Chosen Option: --

Q.36 Consumers lose satisfaction in a product the more they consume it, this is known as _

√ 1. decreasing marginal utility

× 2. non-satiation

X 3. increasing marginal utility

★ 4. maximum utilisation

Question ID: 7518977497 Option 1 ID: 75189729986 Option 2 ID: 75189729987 Option 3 ID: 75189729988 Option 4 ID: 75189729985 Status: Not Answered



Q.37 This question is based on the five, three-digit numbers given below.

(Left) 734 462 397 354 881 (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

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

Question ID: **7518979176**

Option 1 ID: 75189736702 Option 2 ID: 75189736703 Option 3 ID: 75189736704

Option 4 ID: 75189736701 Status: Answered

Chosen Option: 2

Q.38 The Government of India has approved the Centrally Sponsored Scheme 'Pradhan Mantri Poshan Shakti Nirman (PM POSHAN)' for providing one hot cooked meal in Government and Government - aided Schools from 2021-22 to ___

- Ans X1. 2023-24
 - √ 2. 2025-26
 - X3. 2024-25
 - X4. 2026-27

Question ID: 75189711107

Option 1 ID: 75189744426 Option 2 ID: 75189744425 Option 3 ID: 75189744428 Option 4 ID: 75189744427

Status: Not Answered

Chosen Option: --

Q.39 If the length of the longest diagonal of a closed cube is $10\sqrt{3}$ cm, then its total surface area (in cm²) is ___

Ans

- × 1. 100√3
- × 2. 300
- **X** 3. 900
- **4.** 600

Question ID: 75189710717

Option 1 ID: 75189742868 Option 2 ID: 75189742865

Option 3 ID: 75189742867

Option 4 ID: 75189742866

Status: Answered

Q.40 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 12

Take $\pi = \frac{22}{7}$

Ans X 1. 11

X 2. 19

√ 3. 22

X 4. 37

Question ID: 75189710020 Option 1 ID: 75189740080 Option 2 ID: 75189740079 Option 3 ID: 75189740078 Option 4 ID: 75189740077 Status: Answered

Chosen Option: 3

Which of the following states has the largest coal reserves of India?

X 1. Chhattisgarh

× 2. Odisha

X 3. West Bengal

4. Jharkhand

Question ID: 75189710588 Option 1 ID: 75189742351 Option 2 ID: **75189742350** Option 3 ID: 75189742352 Option 4 ID: 75189742349 Status: Not Answered

Chosen Option: --

Q.42 Chlorophyll pigment is present in which of the following components of a cell?

X 1. Ribosomes

Mitochondria

X 3. Lysosomes

✓ 4. Chloroplasts

Question ID: 7518977786 Option 1 ID: **75189731142** Option 2 ID: 75189731143 Option 3 ID: 75189731144 Option 4 ID: 75189731141 Status: Answered

Q.43 Which of the following elements can form both a double bond and a single bond with a carbon atom? Ans X 1. F **✓** 2. **O** X 3. Cl X 4. Br Question ID: 7518979599 Option 1 ID: 75189738393 Option 2 ID: 75189738396 Option 3 ID: 75189738394 Option 4 ID: 75189738395 Status: Answered Chosen Option: 2 Q.44 The feature of Quasi Federal Government system in the Constitution of India is borrowed from the constitution of which country? Ans X 1. The UK X 2. The US ✓ 3. Canada X 4. South Africa Question ID: 7518979437 Option 1 ID: 75189737747 Option 2 ID: **75189737748** Option 3 ID: **75189737745** Option 4 ID: 75189737746 Status: Not Answered Chosen Option: --Q.45 This question is based on the five, three-digit numbers given below (Left) 485 746 379 137 254 (Right) (Example: 697 – First digit = 6, second digit = 9 and third digit = 7) (NOTE - All operations to be done from left to right.) If all the numbers of the given series are arranged in ascending order, the position of which of the following numbers will remain unchanged? Ans X 1. 254 × 2. 137 **√** 3. 379 **×** 4. 746 Question ID: 75189710864 Option 1 ID: 75189743454 Option 2 ID: 75189743453 Option 3 ID: **75189743455** Option 4 ID: 75189743456 Status: Answered Chosen Option: 2



Q.46 All 20 students of a class are standing in a straight row facing north. Shilpa is 7th from the right end, while Nikhil is 18th from the left end. How many students are standing between Shilpa and Nikhil?

Ans X 1. 4

√ 2. 3

X 3. 1

X 4. 2

Question ID: 7518979814
Option 1 ID: 75189739256
Option 2 ID: 75189739253
Option 3 ID: 75189739255
Option 4 ID: 75189739254
Status: Answered

Chosen Option: 1

Q.47 Joint forest management is an example of which of the following?

Ans X 1. Single man dominance

X 2. Economic equality

★ 4. Political equality

Question ID : 7518974695 Option 1 ID : 75189718780 Option 2 ID : 75189718777 Option 3 ID : 75189718779 Option 4 ID : 75189718778 Status : Not Answered

Chosen Option : --

Q.48 Glucose is represented by which of the following formulae?

Ans

√ 1. C₆H₁₂O₆

× 2. C₂H₅OH

x 3. CH₃COOH

× 4. C₆H₁₄O₈

Question ID : 7518974335 Option 1 ID : 75189717338 Option 2 ID : 75189717337 Option 3 ID : 75189717339 Option 4 ID : 75189717340 Status : Answered

Q.49 Which of the following states was ranked first in Category I of e-Panchayat Puraskar 2021? Ans ★ 1. Himachal Pradesh ✓ 2. Uttar Pradesh 🗙 3. Haryana X 4. Rajasthan Question ID: 75189710613 Option 1 ID: **75189742450** Option 2 ID: 75189742451 Option 3 ID: 75189742452 Option 4 ID: 75189742449 Status: Not Answered Chosen Option: --Q.50 Which of the following numbers will replace the question mark (?) in the given series? 17, 30, 47, 66, 89, ? Ans X 1. 119 √ 2. 118 **X** 3. 117 **X** 4. 116 Question ID: 75189710920 Option 1 ID: 75189743679 Option 2 ID: 75189743678 Option 3 ID: 75189743677 Option 4 ID: 75189743680 Status: Answered Chosen Option : 2 Q.51 As per a news report of February 2022, developed a biodegradable nanoparticle to protect crops from fungal and bacterial infections. Ans X 1. IIT Roorkee 2. IIT Guwahati ★ 3. IIT Kharagpur Question ID: **7518978832** Option 1 ID: 75189735327 Option 2 ID: 75189735328 Option 3 ID: 75189735325 Option 4 ID: 75189735326 Status: Not Answered

Teachingninja.in

Q.52 U, V, W, X, Y and Z are sitting in a row facing towards North (but not necessarily in the same order). Z is sitting second to the right of V and immediate left of Y. Only one person is sitting between U and V. W is not the immediate neighbor of U. Who is sitting at second position from the right end?
 Ans 1. U

X 2. **Y**

√ 3. **Z**

X 4. X

Question ID : 75189710740
Option 1 ID : 75189742959
Option 2 ID : 75189742958
Option 3 ID : 75189742957
Option 4 ID : 75189742960
Status : Answered
Chosen Option : 3

Q.53 A boy goes to school at a speed of 3 km/h. He returns at a speed of 5 km/h. He takes a total of 4 hours for both going to school and returning. The distance (in km) between his home and school is:

Ans × 1. 7.2

× 2. 7.4

X 3. **7.3**

√ 4. **7.5**

Question ID : 7518979958 Option 1 ID : 75189739829 Option 2 ID : 75189739831 Option 3 ID : 75189739830 Option 4 ID : 75189739832 Status : Answered

Chosen Option: 4

Q.54 The heating element of a bulb is made up of:

Ans X 1. mercury

× 2. silicon

x 3. copper

Question ID: 7518979549
Option 1 ID: 75189738196
Option 2 ID: 75189738193
Option 3 ID: 75189738195
Option 4 ID: 75189738194
Status: Answered

Q.55 What will come in the place of '?' in the following equation, if '+' and ' - ' are interchanged and also '×' and '+' are interchanged?

 $45 \times 15 \div 40 - 30 + 5 = ?$

Ans

X 1. 126

× 2. 125

X 3. 146

√ 4. 145

Question ID : 75189710956 Option 1 ID : 75189743821 Option 2 ID : 75189743822 Option 3 ID : 75189743824 Option 4 ID : 75189743823 Status : Answered

Chosen Option : 4

Q.56 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some notebooks are pencils.

All pencils are bags.

All bags are bottles.

Conclusions:

(I) All pencils are bottles.

(II) Some bags are notebooks.

Ans

- ✓ 1. Both conclusions I and II follow
- ★ 2. Only conclusion I follows.
- X 3. Neither conclusion I nor II follow
- ★ 4. Only conclusion II follows

Question ID: 75189710998

Option 1 ID: 75189743992

Option 2 ID: 75189743989

Option 3 ID: 75189743991

Option 4 ID: 75189743990

Status : Answered



Q.57 Each of the digits in the number 354982 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number? Ans X 1 None × 2. One X 4. Three Question ID: 7518979880 Option 1 ID: 75189739520 Option 2 ID: 75189739517 Option 3 ID: 75189739518 Option 4 ID: 75189739519 Status: Answered Chosen Option: 3 Q.58 Shyam starts from Point A and drives 15 km towards the north. He then takes a right turn, drives 5 km, turns right and drives 20 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 5 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 X 1. 7 km towards the west 2. 5 km towards the west 4. 4 km towards the east Question ID: 7518978282 Option 1 ID: 75189733128 Option 2 ID: 75189733126 Option 3 ID: 75189733127 Option 4 ID: 75189733125 Status: Answered Chosen Option : 3 Q.59 There are 50 students (boys and girls only) in a class. The number of boys is 10 more than the number of girls. The number of boys in the class is: Ans 🗙 1. 15 X 2. 20 **3.** 30 X 4. 25 Question ID: 7518979988 Option 1 ID: 75189739949 Option 2 ID: 75189739950 Option 3 ID: 75189739952

Option 4 ID: 75189739951 Status: Answered Chosen Option: 3



Q.60 Two right-angled triangles are congruent when which of the following conditions is true?

Ans

When only one of the sides of one of these triangles is equal in length to the corresponding side of the other triangle

X 2. When one more angle is equal

When their hypotenuses are equal and one of the sides of one of these triangles is equal in length to the corresponding side of the other triangle

¥ 4. When only their hypotenuses are equal

Question ID: 75189710039 Option 1 ID: 75189740154 Option 2 ID: 75189740156 Option 3 ID: **75189740155** Option 4 ID: 75189740153 Status: Not Answered

Chosen Option: --

 $^{\text{Q.61}}$ If 6:18::18:y, find the value of y.

√ 1. 54

X 2. 36

X 3. 72

× 4. 108

Question ID: 75189710648 Option 1 ID: 75189742591 Option 2 ID: 75189742590 Option 3 ID: 75189742592 Option 4 ID: 75189742589 Status: Answered

Chosen Option: 1

Q.62 White AgCl turns grey in presence of:

Ans × 1. CO₂

X 2. **0**₂

× 3. Water

Question ID: **7518979617** Option 1 ID: 75189738468 Option 2 ID: 75189738465 Option 3 ID: 75189738467 Option 4 ID: 75189738466 Status: Answered



- The positive square root of $\left(\frac{2+\sqrt{3}}{2-\sqrt{3}} + \frac{2-\sqrt{3}}{2+\sqrt{3}} + 11\right)$ is _____.
- Ans $\times 1. \ 2\sqrt{3}$
 - \times 2. 2 + $\sqrt{3}$
 - \times 3. $5 \sqrt{3}$
 - **4.** 5

- Question ID : 75189710622 Option 1 ID : 75189742485 Option 2 ID : 75189742486 Option 3 ID : 75189742488 Option 4 ID : 75189742487
 - Status : Not Attempted and Marked For Review
- Chosen Option : --
- Q.64 Which of the following can cause cramps in our muscles?
- Ans X 1. Lack of CO₂
 - ✓ 2. Lack of O₂
 - X 3. Excess of CO₂
 - ★ 4. Excess of O₂

- Question ID: 75189710195 Option 1 ID: 75189740777 Option 2 ID: 75189740778 Option 3 ID: 75189740780 Option 4 ID: 75189740779
- Status : **Answered** Chosen Option : **2**
- Q.65 If m, v and u, respectively, represent magnification, image distance and object distance, then the correct relation between m, v and u for a lens will be:
- Ans \times 1. $m = v \times u$
 - \times 2. $m = \frac{u}{v}$
 - \times 3. m = u + v
 - \checkmark 4. $\mathbf{m} = \frac{\mathbf{v}}{\mathbf{u}}$

- Question ID : **7518979514** Option 1 ID : **75189738054**
- Option 2 ID : **75189738056** Option 3 ID : **75189738053**
- Option 4 ID : **75189738055** Status : **Answered**
- Chosen Option: 4

Q.66

The quadratic equation $x^2 + 7x - 60$ has:

Ans

- ★ 1. two equal roots
- ★ 2. two equal imaginary roots
- X 4. no real roots

Question ID : **7518978770**

Option 1 ID : **75189735077** Option 2 ID : **75189735080**

Option 3 ID: **75189735078**

Option 4 ID : **75189735079**

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.67 In a certain code language, 'KHADI' is written as 'OJGNQ' and 'DRINK' is written as 'QTOXJ'. How will 'INLET' be written in that language?

Ans

- ✓ 1. ZKRTO
- × 2. ZLRTO
- X 3. ZKRTP
- X 4. YKRTO

Question ID : 75189710869

Option 1 ID : **75189743475**

Option 2 ID: **75189743476** Option 3 ID: **75189743474**

Option 4 ID : 75189743473

Status: Not Answered

Chosen Option: --

Q.68 In which state is the first Graphene Innovation Centre of the India set up?

Ans

- √ 1. Kerala
- × 2. Telangana
- X 3. Gujarat
- X 4. Karnataka

Question ID: **7518974144**

Option 1 ID: **75189716573**

Option 2 ID: 75189716574

Option 3 ID: 75189716576

Option 4 ID : **75189716575**

Status: Not Answered

Chosen Option : --



Q.69 The colour of CuCl₂ solution is:

Ans

- ×1 red-green
- X 2. blue-red
- ★ 4. yellow-green

Question ID : 7518979630 Option 1 ID : 75189738520 Option 2 ID : 75189738517 Option 3 ID : 75189738519 Option 4 ID : 75189738518

Status : **Not Answered** Chosen Option : --

 $^{\mbox{\scriptsize Q.70}}$ The HCF of 450, 1500 and 1650 is:

Ans

- √ 1. 150
- X 2. 200
- **X** 3. 50
- **X** 4. 100

Question ID : **7518979914** Option 1 ID : **75189739655**

Option 2 ID : **75189739656**

Option 3 ID : **75189739653**Option 4 ID : **75189739654**Status : **Answered**

Chosen Option : 1

Q.71 The height of the image of an object below principal axis of a spherical mirror ______.

Anc

- ★ 1. depends on position of image
- × 2. depends on position of object
- X 3. is positive

Question ID: 7518979474

Option 1 ID : **75189737896**

Option 2 ID : **75189737895** Option 3 ID : **75189737893**

Option 4 ID : **75189737894**

Status : **Answered** Chosen Option : **4**

Q.72 Which of the following numbers will replace the question mark (?) in the given series?

3, 7, 6, 14, 12, 28, 24, ?

Ans \psi 1. 56

X 2. 60

X 3. 51

X 4. 54

Question ID: 75189710914

Option 1 ID: **75189743655**

Option 2 ID: **75189743656**

Option 3 ID: 75189743653

Option 4 ID: 75189743654

Status : Answered

Chosen Option: 1

The quadratic equation $3x^2 - 4\sqrt{3}x + 4 = 0$ has:

Ans

× 2. no real roots

× 3. two distinct real roots

★ 4 two imaginary roots

Question ID: 7518978761

Option 1 ID: **75189735042**

Option 2 ID: 75189735043

Option 3 ID: 75189735041

Option 4 ID: **75189735044**

Status : **Answered** Chosen Option : **4**

Q.74 What is a 'bawri'?

Ans

√ 1. A traditional way of collecting water

× 2. A narrow bore tube-well

X 3. An underground tank to store water

× 4. A canal providing water to agricultural land

Question ID: 75189710143

Option 1 ID: 75189740570

Option 2 ID: 75189740569

Option 3 ID: 75189740571

Option 4 ID: 75189740572

Status: Not Answered

Chosen Option : --

Q.75 Acid rain has pH value less than:

Ans

X 1. 8.6

√ 2. **5.6**

X 3. 6.6

× 4. 7.6

Question ID: 7518979639

Option 1 ID: **75189738555** Option 2 ID: **75189738556** Option 3 ID: **75189738554**

Option 4 ID : **75189738553** Status : **Answered**

Chosen Option : 2

Q.76 Working principle of an electric motor is

Ans

1.

A coil carrying conductor experiences force in the region of non-uniform magnetic field

X 2

A coil carrying current experiences force in the region of gravitational field

✗ 3. Electromagnetic induction

X 4.

A coil carrying current experiences force in the region of electric field

Question ID: 75189711174

Option 1 ID: **75189744693**

Option 2 ID : **75189744695** Option 3 ID : **75189744694**

Option 4 ID : **75189744696**

Status: Answered

Chosen Option: 3

Q.77 A solenoid carrying constant current can be used as a:

Ans

√ 1. source of a constant magnetic field

X 2. source of a light

X 3. source of a non-uniform magnetic field

★ 4. source of a mechanical energy

Question ID: 75189711169

Option 1 ID: 75189744673

Option 2 ID: **75189744675**

Option 3 ID: **75189744674**

Option 4 ID: **75189744676**

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



- Q.78 Formal health education is important for women for various reasons listed below. Which of the following is an INCORRECT option with regard to formal health education in women?
- Ans X1. Provides knowledge about sexually transmitted diseases
 - × 2. Provides information about nutritional needs of children
 - X3. Helps to reduce child and maternal deaths

Question ID: 7518974634

Option 1 ID: **75189718534**Option 2 ID: **75189718535**

Option 2 ID : **75189718535**

Option 3 ID : **75189718533**

Option 4 ID: **75189718536** Status: **Not Answered**

Chosen Option : --

Q.79 Two pipes can fill a tank in 25 hours and 35 hours, respectively. The time (in hours) required to fill the tank when both pipes are opened simultaneously is:

Ans

- × 1. $\frac{165}{14}$
- \times 2. $\frac{175}{14}$
- \times 4. $\frac{165}{12}$

Option 1 ID: **75189739860**Option 2 ID: **75189739859**Option 2 ID: **75189739859**

Option 3 ID : **75189739857** Option 4 ID : **75189739858**

Question ID: 7518979965

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

Q.80 The weights (in kg) of 9 members of a school cricket team are 50, 63, x, 62, 64, 48, 51, 55, 48. If the mean weight is 56 kg, then the value of x is

Ans

- **√** 1. 63
- X 2. 57
- **X** 3. 48
- X 4. 64

Question ID : **75189710681**

Option 1 ID: 75189742723

Option 2 ID: **75189742724** Option 3 ID: **75189742722**

Option 4 ID : **75189742721**

Status : Marked For Review

Q.81 Four years ago, Rajesh was three times as old as Naresh. Four years hence he will be twice as old as Naresh will then be. The present age of Rajesh (in years) is: Ans X 1. 32 **X** 2. **33 √** 3. 28 **X** 4. 35 Question ID: 75189710006 Option 1 ID: **75189740022** Option 2 ID: **75189740023** Option 3 ID: 75189740021 Option 4 ID: 75189740024 Status: Answered Chosen Option: 3 The river Tapi rises in the Ans ✓ 1. Satpura range × 2. Nilgiri hills X 3. Aravali range X 4. Himalayan range Question ID: 7518977543 Option 1 ID: 75189730171 Option 2 ID: 75189730170 Option 3 ID: 75189730169 Option 4 ID: 75189730172 Status: Not Answered Chosen Option: --Q.83 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. 14:20::26:38::18:? Ans X 1. 24 X 2. 30 **√** 3. **26** X 4. 28 Question ID: 75189710926 Option 1 ID: 75189743701 Option 2 ID: 75189743702 Option 3 ID: 75189743703 Option 4 ID: **75189743704** Status: Answered Chosen Option : 2



Q.84 Effective resistance of the series combination of three resistors each with resistance 2Ω is: Ans \times 1. 2 Ω ×2. 1.5 Ω × 3. 0.66 Ω **√** 4. 6 Ω Question ID: 75189711158 Option 1 ID: 75189744629 Option 2 ID: 75189744631 Option 3 ID: **75189744630** Option 4 ID: **75189744632** Status: Answered Chosen Option: 4 Q.85 A bronze article having a marked price of ₹1,000 is sold during a festive season sale after three successive discounts of 20% and 30% and 10%. What will be the amount (in ₹) to be paid by a customer if she buys the article during the festival season? Ans X 1. 564 X 2. 508 X 3. 496 **4.** 504 Question ID: 75189710664 Option 1 ID: 75189742656 Option 2 ID: 75189742654 Option 3 ID: 75189742653 Option 4 ID: 75189742655 Status: Answered Chosen Option: 4 Q.86 Which element is NOT included in Group 2 of the Modern Periodic Table? **X**1. Mg X 2. Ca √ 3. Na **X** 4. Be Question ID: **7518979688** Option 1 ID: 75189738751 Option 2 ID: **75189738752** Option 3 ID: **75189738750** Option 4 ID: 75189738749 Status: Answered Chosen Option: 3



Q.87 Select the combination of letters and numbers that when sequentially placed from left to right in the same sequence in the blanks of the given series, will complete the series.

D_H10L_P18_

Ans X 1. 8 S 20

X 2. 7 12 S

X 4. F N 20

Question ID: **7518978985**

Option 1 ID: **75189735940** Option 2 ID: **75189735939** Option 3 ID: **75189735938**

Option 4 ID: **75189735937**

Status: Answered Chosen Option: 3

Q.88 Seven boxes are kept one over the other but not necessarily in the same order. S is fifth from the top. Only two boxes are kept between S and V. R is kept just below V. Only two boxes are kept between P and T. P is placed in one of the positions above T. Only one box is kept between S and Q. Which box is kept fourth from the bottom?

Ans

X 1. R

X 2. U

X 4. S

Question ID: 75189710988

Option 1 ID: 75189743951 Option 2 ID: 75189743952

Option 3 ID: **75189743950** Option 4 ID: 75189743949

Status: Answered Chosen Option: 3

Q.89 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All potatoes are tomatoes.

All tomatoes are onions.

All onions are books.

Conclusions:

(I) Some books are potatoes.

(II) Some onions are tomatoes.

Ans

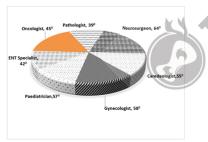
- ✓ 1. Both conclusions I and II follow
- ★ 2. Only conclusion II follows
- × 3. Neither conclusion I nor II follow
- ★ 4. Only conclusion I follows

Question ID: 75189711001
Option 1 ID: 75189744004
Option 2 ID: 75189744002
Option 3 ID: 75189744003
Option 4 ID: 75189744001
Status: Answered

Chosen Option : 1

 ${f Q.90}$ The following pie chart shows the different specialists in ABC hospital during the year

2021-2022. Study the pie-chart and answer the question.



If the total number of all these specialists was 60, then how many ENT specialists were there in the hospital?

Ans

X 1. 12

X 2. 5

√ 3. **7**

X 4. 10

Question ID: **75189710969**Option 1 ID: **75189743876**Option 2 ID: **75189743873**

Option 3 ID : **75189743874** Option 4 ID : **75189743875**

Status : Answered



The arithmetic mean of 2.5, 6.5, 4.5, 16.5, 3.5 and 2.5 is:

Ans **1.** 6

X 2. 7.25

X 3. 8.25

X 4. 5.75

Question ID: 75189710680 Option 1 ID: 75189742717

Option 2 ID: 75189742718 Option 3 ID: 75189742719 Option 4 ID: **75189742720**

Status: Answered Chosen Option: 1

Q.92 A certain number of persons are sitting in a row, facing North. Hriday is sitting to the immediate right of Vijay. There are only three persons sitting between Gaurav and Vijay. Vijay is sitting exactly second to the left of Imran, who is sitting at the extreme right end. Kiara and David are immediate neighbours of Lalita. There is only one person to the left of Gaurav. If no other person is sitting in the row, what is the total number of persons seated?

Ans X 1. Seven

✓ 2. Eight

X 3. Nine

X 4. Six

Question ID: 75189710769 Option 1 ID: 75189743074

Option 2 ID: 75189743075

Option 3 ID: 75189743076 Option 4 ID: 75189743073

Status: Answered

Chosen Option: 3

Q.93 What approximate value should come in place of the question mark (?) in the following equation?

 $14.95 \times 27.05 \div 2.99 - 35.98 + 12.10 = ?$

Ans X 1. 109

× 2. 110

3. 111

× 4. 112

Question ID: 75189710942

Option 1 ID: 75189743768

Option 2 ID: 75189743767

Option 3 ID: **75189743766**

Option 4 ID: 75189743765 Status: Answered

Q.94 Six persons are sitting around a circular table facing the centre. Alok sits to the immediate right of Sonu. Ladoo sits third to the left of Alok. Soni sits third to the right of Sonu. Dimple is an immediate neighbour of both Ladoo and Sonu. Sushma is not an immediate neighbour of Ladoo. Who sits second to the right of Sushma?

Ans X 1. Dimple

X 2. Sonu

√ 3. Ladoo

X⁴. Alok

Question ID: 7518979807 Option 1 ID: 75189739226 Option 2 ID: 75189739228 Option 3 ID: 75189739225 Option 4 ID: 75189739227

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.95 Which of the following properties remain(s) the same in a homologous series?

Ans X 1. Melting points

× 2. Boiling points

★ 3. Molecular mass

Question ID : 75189710324

Option 1 ID: 75189741296 Option 2 ID: 75189741294 Option 3 ID: 75189741293 Option 4 ID: 75189741295

Status: Answered

Chosen Option : 4

Q.96 Which of the following Ministries of India, has created 'Women Safety Division' to address issues of women safety comprehensively?

Ans X 1. Ministry of Law and Justice

★ 2. Ministry of Women and Child Development

X 3. Ministry of Labour and Employment

4. Ministry of Home Affairs

Question ID: 75189710532

Option 1 ID: 75189742128

Option 2 ID : **75189742126**

Option 3 ID: 75189742127

Option 4 ID : **75189742125** Status : **Not Answered**

Q.97 In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement:

 $H \geq E > S \leq T = P > Q$

Conclusions:

1.Q = T

 $2. S \le H$

3. S > P

4. E > T

Ans 🗙 1. 3

X 2. 4

X 3. 1

√ 4. 2

Question ID: 7518977324

Option 1 ID: **75189729295** Option 2 ID: 75189729296

Option 3 ID: 75189729293

Option 4 ID: 75189729294

Status: Answered

Chosen Option: 4

Q.98 Evaluate $9.46\,\overline{7} - 2.46\,\overline{7} + 4.46\,\overline{7}$.

× 1. $\frac{10321}{1100}$

2. 10321 900

 \times 3. $\frac{10521}{900}$

× 4. $\frac{10521}{1100}$

Question ID: 7518979910 Option 1 ID: 75189739637

Option 2 ID: **75189739640**

Option 3 ID: **75189739638**

Option 4 ID: **75189739639**

Status: Answered

Q.99 What is the environmental loss if many trees are cut in a forest to get wood?

Ans

- ★ 1 It will give livelihood to many poor people.
- × 2. It will let in more sunlight to let smaller plants to grow.
- × 3. It will provide open space for other trees to grow.
- 4. It will lead to soil erosion and degradation.

Question ID : 75189710135
Option 1 ID : 75189740538
Option 2 ID : 75189740540
Option 3 ID : 75189740537
Option 4 ID : 75189740539
Status : Answered
Chosen Option : 4

Q.100 Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

"If waste management capabilities of Hospital X are dealt with, we will definitely win the 'excellence in service' award for year 22-23." One of the board of directors from Hospital X.

Arguments:

- I. In four separate incidents in the year 22-23, 15 patients lost their lives and 46 were injured due to various incidents such as fire breakout in ICU, lack of oxygen etc.
- II. Hospital A located in the nearby city has won 'excellence in service' award for a record five times.

Ans

- X 1. II weakens while I strengthens the statement.
- X 2. II weakens while I is a neutral argument
- 3. I weakens while II is a neutral argument
- × 4. I weakens while II strengthens the statement.

Question ID : 75189711118 Option 1 ID : 75189744470 Option 2 ID : 75189744472 Option 3 ID : 75189744471 Option 4 ID : 75189744469 Status : Answered

Chosen Option : ${\bf 3}$

QP HTML Generated date 2022/09/21-18:56:16

