





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



Roll Number	
Candidate Name	
Test Center Name	Ganesh Institute Of Engineering And Technology
Test Date	07/10/2022
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 Who among the following sportspersons won two consecutive Olympic medals for India?

Ans

- 1 Deepika Kumari
- X 2. Babita Phogat
- X 3. Sania Mirza
- ✓ 4. PV Sindhu

Question ID : 75189713971
Option 1 ID : 75189755883
Option 2 ID : 75189755884
Option 3 ID : 75189755881
Option 4 ID : 75189755882
Status : Answered

Chosen Option: 4

Q.2 Which of the following is a sexually transmitted viral disease?

Ans

- X 1. Syphilis
- X 2. Jaundice
- X 3. Gonorrhoea

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

Option 4 ID : **75189759372**Status : **Answered**

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Q.3 If one sees some marbles that are immersed in water, he/she will observe them as enlarged. This is because water acts as

a

Ans

× 1 plane mirror

× 2. plano-concave lens

X 4. concave lens

Question ID: 75189711283
Option 1 ID: 75189745132
Option 2 ID: 75189745129
Option 3 ID: 75189745131
Option 4 ID: 75189745130
Status: Answered

Chosen Option: 4

Q.4 When the MP is positive but declining, it means _____

Ans

X 1 TP increases at an increasing rate

✓ 2. TP increases at a decreasing rate

X 3. TP increases at a constant rate

★ 4. TP is decreasing

Question ID: 75189712109
Option 1 ID: 75189748433
Option 2 ID: 75189748435
Option 3 ID: 75189748434
Option 4 ID: 75189748436
Status: Answered

Chosen Option: 2

Q.5 Which of the following numbers is divisible by both 6 and 9?

Ans

√ 1. 3186

× 2. 5186

X 3. 4256

X 4. 2156

Question ID : **75189713269**

Option 1 ID: **75189753076** Option 2 ID: **75189753075**

Option 3 ID: **75189753073** Option 4 ID: **75189753074**

Status : Answered





Q.6 Seven people - N, O, P, S, W, X and Y are sitting in a straight line facing North. N sits fourth to the right of O. Neither N nor O sit at any of the extreme ends of the line. Only one person sits between N and P. S sits third to the right of P. W sits fourth to the right of X. Who sits to the immediate right of Y?

Ans

X 1. N

X 2. X

√ 3. P

X 4. O

Question ID: 75189715224 Option 1 ID: 75189760896 Option 2 ID: 75189760895 Option 3 ID: 75189760894 Option 4 ID: 75189760893

Status: Answered

Chosen Option: 3

Q.7 Six children - 1, 2, 3, 4, 5 and 6 - are in a room, each child having a different height. Only three children are taller than 4. 1 is taller than 3 but shorter than 4. 5 is taller than 2 but not the tallest in the group. Who is the second tallest person among the six children?

Ans X 1. 3

X 2. 6

√ 3. **5**

X 4. 2

Question ID: 7518977335 Option 1 ID: 75189729340 Option 2 ID: 75189729337 Option 3 ID: 75189729338 Option 4 ID: 75189729339 Status: Answered

Chosen Option: 2

Q.8 Refer to the following letter series and answer the question.

(Left) TSABNUVTDQSNMLALE (Right)

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

Ans

√ 1. 1

X 2. 4

X 3. 3

X 4. 6

Question ID: 75189713211 Option 1 ID: 75189752844

Option 2 ID: 75189752843 Option 3 ID: 75189752841 Option 4 ID: 75189752842

Status: Answered

Q.9 is the first of the 24 Tirthankaras of Jainism.

Ans X 1. Padmaprabha

X 2. Sumatinatha

✓ 3. Rishabhanatha

X 4. Sambhavanatha

Question ID: 75189710452
Option 1 ID: 75189741808
Option 2 ID: 75189741805
Option 3 ID: 75189741806
Option 4 ID: 75189741807
Status: Answered

Chosen Option: 3

Q.10 If x - y = 9 and xy = 16, find the value of $x^2 + y^2$.

Ans 🗳 1. 113

X 2. 32

X 3. 49

X 4. 115

Question ID: 75189713354
Option 1 ID: 75189753413
Option 2 ID: 75189753415
Option 3 ID: 75189753414
Option 4 ID: 75189753416

Status: Answered

Chosen Option: 1

Q.11 Which of the following numbers will replace the question mark (?) in the given series?

4 12 76 292 804 ?

Ans X 1. 2000

2. 1804

X 3. 1000

× 4. 2804

Question ID : **75189712689** Option 1 ID : **75189750755**

Option 2 ID : **75189750754** Option 3 ID : **75189750753** Option 4 ID : **75189750756**

Status : Answered





Q.12 The Indian player Sunil Chhetri, who received the Major Dhyan Chand Khel Ratna Award 2021, is associated with which of the following sports?

Ans X 1. Cricket

√ 2. Football

X 3. Kabaddi

X 4. Hockey

Question ID: 75189715056 Option 1 ID: 75189760224 Option 2 ID: 75189760223 Option 3 ID: 75189760221 Option 4 ID: 75189760222

Status: Answered

Chosen Option: 2

Q.13 Sunil made a paste of rice flour and added a drop of iodine solution to the paste. What will he see?

★ 1 Formation of small bubbles (effervescence)

✓ 2. The paste turns blue-black

× 3. The paste turns sky blue

Y 4 The rice flour emits brown fumes

Question ID: 75189712245 Option 1 ID: 75189748977 Option 2 ID: 75189748980 Option 3 ID: 75189748978 Option 4 ID: 75189748979

Status: Marked For Review

Chosen Option: 4

যথল দুটি আয়ল বিলিম্ম হ্ম তখল লিচের কোল বিক্রিয়া ঘটে?

Ans 🗙 1. বিয়োজন বিক্রিয়া

X2 সংযোজন বিক্রিয়া

※ 4. প্রতিস্থাপন বিক্রিয়া

Question ID: 75189715014 Option 1 ID: 75189760054 Option 2 ID: 75189760053 Option 3 ID: 75189760056 Option 4 ID: 75189760055

Status: Answered





Q.15 Amongst six friends P, Q, R, S, T and U, each has a different height. R is taller than only one friend. Q is taller than only three friends. T is taller than R but shorter than U. U is not the tallest. U is taller than S. Who is the second tallest among all the friends?

Ans X 1. R

√ 2. U

X 3. T

※ 4. **Q**

Question ID: 75189713909 Option 1 ID: 75189755633 Option 2 ID: 75189755636 Option 3 ID: 75189755634 Option 4 ID: 75189755635

Status: Answered

Chosen Option: 2

Which of the following elements has three valence electrons?

Ans X 1. Ca

X 2. N

✗ 3. Mg

✓ 4. Al

Question ID: 75189713955 Option 1 ID: 75189755820 Option 2 ID: 75189755819 Option 3 ID: 75189755818 Option 4 ID: 75189755817 Status: Answered

Chosen Option: 4

Q.17 The first language which was given the status of a classical language in India is:

Ans

× 1. Hindi

× 2. Telugu

√ 3. Tamil

X 4. Kannada

Question ID: 75189715415 Option 1 ID: 75189761660 Option 2 ID: 75189761657 Option 3 ID: 75189761659

Option 4 ID: 75189761658 Status: Answered



Q.18 In July 2022, the Ministry of Women and Child Development implemented a scheme called ______ – formerly known as Child Protection Services (CPS) Scheme since 2009-10 – for the welfare and rehabilitation of children.

Ans

- X 2. Mission Mamta
- X 3. Mission Bachpan
- Mission Matrity

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Question ID: 75189715060
Option 1 ID: 75189760239
Option 2 ID: 75189760238
Option 3 ID: 75189760237
Option 4 ID: 75189760240
Status: Answered

Chosen Option: 3

- Q.19 Who was the main proponent of the Young Bengal Movement whose followers cherished the ideals of the French Revolution (1789 AD) and the liberal thinking of Britain?
- Ans X 1 Swami Vivekananda
 - × 2. Ishwar Chandra Vidyasagar
 - X 3. Annie Beasant

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

Option 3 ID : **75189749434**Option 4 ID : **75189749433**Status : **Answered**



Q.20 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:

- 1. All sandals are shoes.
- 2. Some heels are boots.
- 3. Some sandals are boots.

Conclusions:

I-Some heels are sandals.

II-Some boots are shoes.

- Ans X1 Neither conclusion I nor II follows.
 - ✓ 2. Only conclusion II follows.
 - 3 Only conclusion I follows.
 - Mathematical Action Action

Question ID: 75189714189 Option 1 ID: 75189756756

Option 2 ID: 75189756754 Option 3 ID: 75189756753 Option 4 ID: 75189756755

Status: Answered

Chosen Option: 2

Q.21 How many double bonds are present in propanone?

Ans

√ 1. 1

X 2. 0

X 3. 2

X 4. 3

Question ID: 75189714744

Option 1 ID: 75189758974 Option 2 ID: 75189758973 Option 3 ID: 75189758976 Option 4 ID: 75189758975

Status: Answered





Macroeconomics can be defined as:

Ans

a study of individuals, households and firms' behaviour in decision making and allocation of resources

X 2.

a branch of economics that studies the individuals mode of investments

X 3. a branch of economics that studies the methods of profits

4.

a branch of economics that studies the behaviour and performance of an economy as a whole

Question ID: 75189715427 Option 1 ID: 75189761707 Option 2 ID: 75189761705 Option 3 ID: 75189761706 Option 4 ID: 75189761708 Status: Answered

Chosen Option: 4

Q.23 In a plant cell, the act of respiration to take in oxygen and release energy and carbon dioxide from food occurs in the

Ans X 1. vacuoles

2. mitochondria

3 chloroplasts and mitochondria

× 4. peroxisomes

Question ID: 75189712247 Option 1 ID: 75189748986 Option 2 ID: 75189748987 Option 3 ID: 75189748988 Option 4 ID: 75189748985

Status: Answered

Chosen Option: 3

Q.24 P. Q. R. S. T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. Only two people live between P and S. S lives immediately below T. P lives on an even-numbered floor but not on floor number 2. R lives on the topmost floor. Q lives immediately below R. Who lives on floor number 3?

Ans X 1. T

X 2. Q

X 3. P

√ 4. U

Question ID: 75189713527

Option 1 ID: 75189754108 Option 2 ID: 75189754107 Option 3 ID: 75189754105 Option 4 ID: 75189754106

Status: Answered



Select the correct statement.

Ans

✓ 1. Dhupgarh is the highest peak of the Satpura Range.

Mahendragiri mountain is the highest peak of the Satpura Range.

X 3.

Panchachuli peak is the highest peak in the Indian Himalayas.

Y 4. Dhupgarh is the highest peak of the Eastern Ghat.

Question ID: 75189715456 Option 1 ID: 75189761822 Option 2 ID: 75189761823 Option 3 ID: 75189761824 Option 4 ID: 75189761821 Status: Answered

Chosen Option: 1

Which method of contraception can prevent the transmission of HIV?

Ans

- ✓ 1. Barrier methods only
- X 2. Copper T and condoms
- X 3. Copper T
- × 4 Oral contraceptives

Question ID: 75189710113 Option 1 ID: 75189740452 Option 2 ID: 75189740451 Option 3 ID: 75189740450 Option 4 ID: 75189740449 Status: Answered Chosen Option: 2

Q.27 The ages of K and M are in the ratio of 7:5 and the sum of their ages is 72 years. What will be the ratio of the ages of K and M, in the mentioned order, after 9 years?

Ans X 1. 12:9

X 2. 9: 8

✓ 3. **17** : **13**

× 4. 13:11

Question ID: 75189714396 Option 1 ID: 75189757583 Option 2 ID: 75189757581 Option 3 ID: 75189757584 Option 4 ID: 75189757582 Status: Answered





Q.28 If u - v = 4 and uv = 20, then the value of $u^3 - v^3$ is:

Ans × 1. 64

X 2. 176

X 3. 224

4. 304

Question ID: 75189714374

Option 1 ID: 75189757493 Option 2 ID: 75189757496 Option 3 ID: 75189757494

Option 4 ID: 75189757495 Status: Answered

Chosen Option: 4

Q.29 In a certain code language, 'TEMPLE' is written as 'QHJSIH' and 'MOSQUE' is written as 'JRPTRH'. How will 'SUPREME' be written in the same code language?

Ans

✓ 1 PXMUBPB

2. PRMOBJB

X 3. PRMOBJH

X 4. PRMUBPB

Question ID: 75189713623

Option 1 ID: 75189754491 Option 2 ID: 75189754489 Option 3 ID: 75189754492

Option 4 ID: 75189754490 Status: Answered

Chosen Option: 1

Q.30 A and B together can complete a piece of work in 5 days. They started working together but after 3 days, B left. If the work is completed after 3 more days, B alone could do the entire work in:

Ans

X 1. 7.5 days

× 3. 6.5 days

× 4. 13 days

Question ID: 75189713431

Option 1 ID: 75189753724

Option 2 ID: **75189753722**

Option 3 ID: 75189753721

Option 4 ID: **75189753723** Status: Answered





Q.31 A and B have undertaken to do a piece of work for ₹800. A alone can do it in 6 days, while B alone can do it in 8 days. With the help of C, they can finish it in 3 days. What is the share (in ₹) of A in the total amount received for completing

Ans × 1. 450

X 2. 350

3. 400

× 4. 300

Question ID: 75189713433 Option 1 ID: 75189753729 Option 2 ID: 75189753730

Option 3 ID: 75189753731 Option 4 ID: 75189753732

Status: Answered

Chosen Option: 3

Our body works within the pH range of:

Ans X 1. 8 to 8.7

√ 2. 7 to 7.8

X 3. 7.8 to 8.0

X 4. 6 to 7

Question ID: 75189714682

Option 1 ID: 75189758728 Option 2 ID: 75189758725 Option 3 ID: 75189758726 Option 4 ID: 75189758727

Status: Answered

Chosen Option: 4

Q.33 Which of the following states is NOT located in the Indian Himalayan region?

Ans

× 1. Mizoram

× 2. Sikkim

X 3. Uttarakhand

Question ID: 75189715450

Option 1 ID: 75189761799 Option 2 ID: 75189761798 Option 3 ID: 75189761797

Option 4 ID: 75189761800 Status: Answered





Q.34 The average temperature on Monday, Tuesday and Wednesday was 32°C, and the average temperature on Sunday, Monday and Tuesday was 36°C. If the temperature on Sunday was 39°C, then find the temperature on Wednesday.

Ans X 1. 28°C

√ 2. 27°C

× 3. 26°C

X 4. 34°C

Question ID: 75189713339 Option 1 ID: 75189753356 Option 2 ID: 75189753354 Option 3 ID: 75189753355 Option 4 ID: 75189753353

Status: Answered

Chosen Option: 2

Which of the following compounds of carbon does NOT exist?

Ans

★ 1. CH₄

× 2. C₂H₆

× 4. C₆H₆

Question ID: 75189715079 Option 1 ID: 75189760314

Option 2 ID: 75189760315 Option 3 ID: 75189760313 Option 4 ID: 75189760316

Status: Answered

Chosen Option: 3

Q.36 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.

8:65::12:145::13:?

Ans × 1. 169

2. 170

X 3. 133

X 4. 171

Question ID: 75189715392

Option 1 ID: 75189761565 Option 2 ID: 75189761566 Option 3 ID: 75189761568

Option 4 ID: 75189761567 Status: Answered





Which of the following statements is true?

- × 1. 1 is a prime number.
 - ✓ 2. All prime numbers except the number 2 are odd numbers.
- X 3. There are seven prime numbers between 1 and 20.
- ★ 4. If number x is prime, then number x+1 is always prime.

Question ID: 75189713272 Option 1 ID: 75189753085 Option 2 ID: 75189753086 Option 3 ID: 75189753087 Option 4 ID: 75189753088 Status: Answered

Chosen Option: 2

Q.38 A football player got fractured while playing football. He went to the hospital. The doctor took 'X' substance and mixed it with water for supporting the fractured bones in the right position.

What is the name of substance 'X'?

Ans

- X 1. Gypsum
- × 2. Calcium sulphate
- 3. Plaster of Paris
- ✗ 4. Sodium hydroxide

Question ID: 75189714790 Option 1 ID: 75189759157 Option 2 ID: 75189759159 Option 3 ID: 75189759158

Option 4 ID: 75189759160 Status: Answered

Chosen Option: 3

Q.39 Kamal has two children, Vishnu and Deeksha. At present, Kamal is 3 times as old as Vishnu. Deeksha is 3 years younger than Vishnu. 3 years ago, the sum of the then ages of all three of them was 63 years. Find the present age (in years) of Kamal.

- Ans X 1. 54
 - **2.** 45
 - X 3. 46
 - X 4. 20

Question ID: 75189713373

Option 1 ID: **75189753490** Option 2 ID: 75189753492 Option 3 ID: 75189753491

Option 4 ID: 75189753489 Status: Answered

Q.40 Find the value of $7 \times 8 + 11 - (17 - 5)$.

Ans X 1. 45

× 2. 57

√ 3. **55**

× 4. 47

Question ID: 75189712890 Option 1 ID: 75189751558 Option 2 ID: 75189751559 Option 3 ID: 75189751557 Option 4 ID: 75189751560

Status: Answered

Chosen Option: 3

Q.41 Which of the following is/are the correct conclusion(s) from Oersted's experiment?

(a) A magnetic compass needle placed along the side of a current carrying conductor deflects

(b) A current carrying conductor will produce magnetic field around it.

(c) The direction of deflection of the compass needle placed along the side of a current carrying conductor does not change with reversal in the direction of current.

Ans

1. Only (a) and (b) are correct

× 2. Only (c) and (a) are correct

X 3 Only (b) and (c) are correct

× 4 (a), (b) and (c) are correct

Question ID: 75189714109

Option 1 ID: 75189756433

Option 2 ID: 75189756435

Option 3 ID: 75189756434

Option 4 ID: 75189756436

Status: Answered

- Q.42 An electric lamp of 40 Ω , a toaster of resistance 200 Ω and a water filter of resistance 400 Ω are connected in parallel to a 220 V source. Suppose an electric iron when connected to a 220 V source draws the same current as that of the three appliances in the above, then the resistance and current flowing through the iron are:
- Ans \times 1. 40.77 Ω and 5.15 A, respectively
 - \checkmark 2. 30.77 Ω and 7.15 A, respectively
 - × 3. 50.77 Ω and 4.15 A, respectively
 - × 4. 20.77 Ω and 9.15 A, respectively

Question ID : **75189715312**Option 1 ID : **75189761247**

Option 2 ID : **75189761245** Option 3 ID : **75189761248** Option 4 ID : **75189761246**

Status : Answered

Chosen Option : 2

Q.43 The product of two consecutive odd numbers is 1155. Represent the situation in the form of a quadratic equation, if *x* is smaller of the two numbers.

Ans

$$\times$$
 1. $x^2 - 2x - 1155 = 0$

$$x^2 + 2x + 1155 = 0$$

$$x^3$$
 $x^2 + x + 1155 = 0$

$$\checkmark$$
 4. $x^2 + 2x - 1155 = 0$

Question ID: 75189713378

Option 1 ID: 75189753509

Option 2 ID: 75189753510

Option 3 ID : **75189753512** Option 4 ID : **75189753511**

Status : Answered

Q.44 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

A new holiday-special train has been introduced from Chennai to Patna to cater to the increased demand from passengers during the festival season. This will run on all Wednesdays in the months of September and October.

I. More people are expected to travel from Chennai to Patna in September and October.

II. The existing trains from Chennai to Patna have been cancelled.

Ans

- M 1. Both assumptions I and II are implicit
- × 2. Only assumption II is implicit
- X 3. Neither assumption I nor II is implicit

Question ID: 75189715335 Option 1 ID: 75189761340 Option 2 ID: 75189761338 Option 3 ID: 75189761339 Option 4 ID: 75189761337

Status: Answered

Chosen Option: 4

If
$$\cot \theta - \csc \theta = -\frac{1}{3}$$
, find $\frac{(1+\cos \theta)}{\sin \theta}$.

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

Question ID: 75189713475 Option 1 ID: 75189753900

> Option 2 ID: 75189753897 Option 3 ID: 75189753898 Option 4 ID: 75189753899 Status: Answered





Q.46 Let n be the least number which when divided by 15, 18, 20 and 27, the remainder in each case is 3 and n is divisible by 53. What is the sum of the digits of n?

Ans X 1. 10

2. 12

X 3. 9

X 4. 13

Question ID: 75189712617 Option 1 ID: 75189750466 Option 2 ID: 75189750467 Option 3 ID: 75189750465 Option 4 ID: 75189750468 Status: Answered

Chosen Option: 2

Q.47 Which of the following statements is true?

Ans

The resistance of a material is directly proportional to its length.

The resistance of a material is directly proportional to the area of cross section.

The resistance of a material is directly proportional to the radius of the wire.

X 4.

The resistance of a material is inversely proportional to the length of the wire.

Question ID: 75189713801 Option 1 ID: 75189755201 Option 2 ID: **75189755202** Option 3 ID: 75189755203 Option 4 ID: 75189755204

Status: Answered

Chosen Option: 1

Q.48 In which year was the National Policy on Electronics and Software Products enacted, with the goal of propelling India's rise as a Software Product Nation and collaborating with the IT/ITES sector?

Ans

X 1. 2022

2. 2019

X 3. 2020

X 4. 2021

Question ID: 75189714030

Option 1 ID: **75189756120** Option 2 ID: **75189756117** Option 3 ID: 75189756118

Option 4 ID: 75189756119 Status: Not Answered





Q.49 Study the given arrangement of letters and answer the question that follows:

(LEFT) N C A H L M W U V G L I Q S P O Z (RIGHT)

How many consonants are there in this arrangement which are immediately preceded by a vowel?

Ans

X 1. Six

X 2. Two

X 3. Five

√ 4. Four

Question ID: 75189714221

Option 1 ID: **75189756882** Option 2 ID: **75189756883** Option 3 ID: **75189756884**

Option 4 ID: 75189756881

Status: Answered

Chosen Option: 4

Q.50 The coal that we use now comes from plants that lived around _____ years ago

Ans

X 1. 1,000

2. 10,000,000

× 3. 10,000

× 4. 100,000

Question ID : **75189712322**

Option 1 ID : **75189749285** Option 2 ID : **75189749288** Option 3 ID : **75189749286**

Option 4 ID : 75189749287 Status : Answered

Chosen Option: 1

Q.51 Suppose a magic mirror is placed in front of a boy. As a result, the boy observes that the image of his head is of the same size, the middle portion of his body is smaller and that of his legs is bigger. Hence, from top to bottom, the magic mirror displays which of the following images?

Ans

Plane, convex and concave

Convex, concave and plane

X 3. Plane, concave and convex

★ 4 Concave, plane and convex

Question ID: 75189712182

Option 1 ID : **75189748726** Option 2 ID : **75189748728**

Option 3 ID : **75189748725** Option 4 ID : **75189748727**

Status : Answered





Q.52 Which of the following numbers will replace the question mark (?) in the given series?

6, 9, 12, 16, 20, 25, ?

Ans 🗙 1. 31

X 2. 29

X 3. 35

4. 30

Question ID: 75189713125

Option 1 ID: 75189752499 Option 2 ID: 75189752500

Option 3 ID: 75189752498

Option 4 ID: 75189752497 Status: Answered

Chosen Option: 4

Q.53 If numbers 8452, 6327, 7524, 4598 and 5691 are arranged in descending order from left to right, than what will the product of third digit of the second number from the right end and second digit of the third number from the left end? (Example- 697 - First digit from left = 6, second digit from left = 9 and third digit from left = 7)

Ans

√ 1. 27

X 2. 48

X 3. 26

X 4. 54

Question ID: 7518979045

Option 1 ID: 75189736179 Option 2 ID: 75189736178

Option 3 ID: 75189736180 Option 4 ID: 75189736177

Status : Answered

Chosen Option: 1

Q.54 If at 8:45 am, the minute hand of a clock is pointing towards the north, then in which direction will it point at 9:00 pm?

Ans

X 1 South

× 2. West

X 3. North

✓ 4. East

Question ID: 75189713630

Option 1 ID: 75189754518

Option 2 ID: 75189754520

Option 3 ID: 75189754517

Option 4 ID: **75189754519**

Status: Answered





Q.55 Goods are sold such that when 5% discount is allowed, a profit of 33% is made. By what percentage is the list price more than the cost price?

Ans X 1. 25%

× 2. 30%

X 3. 35%

√ 4. 40%

Question ID: 75189713428 Option 1 ID: 75189753712 Option 2 ID: 75189753710 Option 3 ID: 75189753711 Option 4 ID: 75189753709 Status: Answered

Chosen Option: 4

Newlands arranged the then known elements in the order of

★ 1. decreasing atomic radius

× 2. decreasing atomic masses

× 3. increasing atomic radius

Question ID: 75189714692 Option 1 ID: 75189758768 Option 2 ID: 75189758766 Option 3 ID: 75189758767 Option 4 ID: 75189758765

Status: Marked For Review

Chosen Option: 3

Q.57 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.

Only one person lives above E. D lives in an odd numbered floor. Only one person lives between E and C. C lives immediately above F. B does not live below A. Who lives on floor number 1?

Ans

√ 1. D

X 2. B

X 3. C

X 4. F

Question ID: 75189713156 Option 1 ID: 75189752622

Option 2 ID: 75189752624 Option 3 ID: 75189752623 Option 4 ID: 75189752621

Status: Answered

Q.58 A 12 V battery is connected across a resistor of resistance R. If a current of 2.4 mA flows through the circuit, then the value of R is_

Ans X 1. 5000 milli

 \times 2. 2 × 10⁻⁴ milli

 \times 3. 2 × 10⁻⁴

4. 5000

Question ID: 75189713784 Option 1 ID: 75189755136 Option 2 ID: 75189755134 Option 3 ID: 75189755133 Option 4 ID: 75189755135 Status: Answered

Chosen Option: 4

Q.59 The quantity of a commodity that a consumer is willing to buy and is able to afford, given prices of goods and consumers' tastes and preferences is called ______ for the commodity.

Ans

√ 1. demand

× 2. utility

× 3. value

× 4. supply

Question ID: 75189712462 Option 1 ID: 75189749848 Option 2 ID: 75189749845 Option 3 ID: 75189749847 Option 4 ID: 75189749846 Status: Answered

Chosen Option: 1

Q.60 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

77:28::89:?::134:47

Ans X 1. 31

X 2. 35

√ 3. **32**

X 4. 34

Question ID: 75189713706 Option 1 ID: 75189754823 Option 2 ID: 75189754824 Option 3 ID: 75189754821 Option 4 ID: 75189754822

Status : Not Attempted and Marked For Review



Q.61 What was the main focus of the First Five-Year Plan?

Ans × 1 Development of the service sector

× 2. The establishment of higher education institution

× 4. Development of defence equipment

Question ID : 75189715444
Option 1 ID : 75189761774
Option 2 ID : 75189761773
Option 3 ID : 75189761776
Option 4 ID : 75189761775
Status : Answered

Chosen Option: 3

Q.62 Two numbers, whose LCM is 416 and HCF is 2, are in the ratio 13:16. Find the greater of these two numbers.

Ans

√ 1. 32

X 2. 26

X 3. 34

× 4. 42

Question ID: 75189713283
Option 1 ID: 75189753129
Option 2 ID: 75189753131
Option 3 ID: 75189753132
Option 4 ID: 75189753130
Status: Answered

Chosen Option: 1

Q.63 The discriminant of the quadratic equation $bx^2 + cx + a = 0$; $b \ne 0$, is given by the expression:

Ans

$$\times 1. b^2 - 4ac$$

$$\times$$
 2. $a^2 - 4ab$

$$\times$$
 3. $b^2 + 4ac$

$$\checkmark$$
 4. $c^2 - 4ab$

Question ID : **75189713385**

Option 1 ID: **75189753537**Option 2 ID: **75189753539**Option 3 ID: **75189753538**

Option 4 ID : **75189753540**

Status : Answered



Q.64 Five friends live on five 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 5. Sanjay lives on the floor immediately above Namrata. Anshika lives on the third floor. Heena lives on the lowermost floor. Namrata lives on the floor immediately above Anshika. Manvir lives on the floor immediately above Heena. Who lives on the topmost floor?

Ans X 1. Heena

× 2. Manvir

X 4. Namrata

Question ID: 75189714177 Option 1 ID: 75189756705 Option 2 ID: 75189756706 Option 3 ID: 75189756708 Option 4 ID: 75189756707

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

Q.65 If the volume of a sphere is $\frac{792}{7}cm^3$, then find the radius of the sphere.

(Use $\pi = \frac{22}{7}$ for calculation)

Ans X 1. 3.5 cm

√ 2. 3 cm

× 3. 2.5 cm

X 4. 2 cm

Question ID: 75189713397
Option 1 ID: 75189753588
Option 2 ID: 75189753585
Option 3 ID: 75189753587
Option 4 ID: 75189753586
Status: Answered
Chosen Option: 2

Q.66 Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

15.32 ÷ 4.37 + 2.11 × 14.47 =?

Ans X 1. 61

X 2. 16

√ 3. 32

X 4. 50

Question ID : **75189713238**Option 1 ID : **75189752951**Option 2 ID : **75189752950**Option 3 ID : **75189752952**

Option 4 ID : **75189752949**Status : **Answered**

 $^{ extsf{Q.67}}$ Identify the non-biodegradable substance that is generated in a kitchen.

Ans X 1. Tea leaves

X 2. Paper bag

X 3. Vegetable peel

Question ID: 75189710279

Option 1 ID: 75189741116 Option 2 ID: 75189741113 Option 3 ID: 75189741115 Option 4 ID: 75189741114

Status: Answered

Chosen Option: 4

If x = 2, then the value of $(-x)^2 \times (-x)^3$ is:

Ans \times 1. $(-2)^1$

X 2. (-2)⁶

✓ 3. **-32**

X 4. 32

Question ID: 75189713251

Option 1 ID: 75189753003 Option 2 ID: 75189753004

Option 3 ID: 75189753001

Option 4 ID: 75189753002

Status: Answered

Chosen Option: 3

Q.69 In a certain code language, 'ISSUE' is coded as 'NPXRJ' and 'PAINT' is coded as 'UXNKY'. How will 'MEDIA' be coded in that language?

Ans X 1. PBGFD

× 2. RZIDF

X 3. PZGDD

✓ 4. RBIFF

Question ID: 75189714237

Option 1 ID: 75189756946

Option 2 ID: 75189756948

Option 3 ID: 75189756945

Option 4 ID: 75189756947

Status: Answered



Q.70 The first Finance Commission was established in:

Ans

X 1. 1952

X 2. 1949

X 3. 1950

4. 1951

Question ID: 75189710602 Option 1 ID: 75189742408 Option 2 ID: 75189742405 Option 3 ID: 75189742406 Option 4 ID: 75189742407

Status: Marked For Review

Chosen Option: 4

Q.71 Select the correct order of Panchayat Institution titles according to the given sequence of their respective designation.

Chairperson of Gram Panchayat, Chairperson of Panchayat Samiti, Chairperson of Zila Parishad

Ans

X 1. Pramukh, Mukhiya, Adhyaksha

✓ 2. Mukhiya, Pramukh, Adhyaksha

X 3. Mukhiya, Adhyaksha, Pramukh

X 4 Adhykasha, Mukhiya, Pramukh

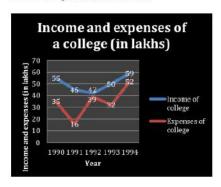
Question ID : **75189714024**Option 1 ID : **75189756094**Option 2 ID : **75189756096**

Option 3 ID: **75189756093** Option 4 ID: **75189756095**

Status: Answered



Q.72 The given line graph shows the income and expenses of a college for different years. Study the graph and answer the question that follows.



What is the percentage increase in income from 1992 to 1993?

Ans

- X 1. 23.82%
- × 2. 38.52%
- × 3. 14.03%
- √ 4. 19.04%

Question ID: **75189713727** Option 1 ID: **75189754906**

Option 2 ID : **75189754908**

Option 3 ID : **75189754907** Option 4 ID : **75189754905**

Status: Answered

Chosen Option : 4

Q.73 If the areas of two similar triangles are in the ratio 361:529. What would be the ratio of the corresponding sides?

Ans

- X 1. 15:23
- √ 2. 19:23
- × 3. 361:529
- X 4. 23:19

Question ID : **75189712095**Option 1 ID : **75189748380**Option 2 ID : **75189748378**Option 3 ID : **75189748379**Option 4 ID : **75189748377**

Status: Answered





Q.74 The Ram Navami festival in India is celebrated as a Hindu festival on the _____ which marks the birth of Lord

Ans

1 ninth day of Sharad Navratri

X 2. ninth day of Sawan month of Vikram Sambat Calendar

3. ninth day of Chaitra Navratri

X 4. ninth day of Phalguna month of Vikram Sambat Calendar

Question ID: 75189712362
Option 1 ID: 75189749446
Option 2 ID: 75189749448
Option 3 ID: 75189749445
Option 4 ID: 75189749447

Status: Answered

Chosen Option: 1

Q.75 Read the given statement(s) 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 statement(s).

Statements:

Some pens are scooters.

Some crowns are hats.

All balloons are globes.

Conclusions:

(I) All scooters are pens.

(II) Some crowns are globes.

(III) Some balloons are hats.

Ans

X 1. Only conclusion II follows

× 2. Only conclusion I follows

✓ 3. None of the conclusions follow

× 4. Either conclusion I or conclusion III follow

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Question ID : 75189714963 Option 1 ID : 75189759850 Option 2 ID : 75189759849 Option 3 ID : 75189759852 Option 4 ID : 75189759851

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

- Q.76 The perimeter of a right-angled triangle is 80 cm. If the length of its hypotenuse is 34 cm, find the lengths of its other two sides.
- Ans X 1. 18 cm, 28 cm
 - √ 2. 16 cm, 30 cm
 - × 3. 20 cm, 26 cm
 - × 4. 14 cm, 32 cm

Question ID : **75189713464**

Option 1 ID: **75189753855** Option 2 ID: **75189753853** Option 3 ID: **75189753854**

Option 4 ID : **75189753856** Status : **Answered**

Chosen Option : 2

- Q.77 Find the value of $18 \div \{(7 \text{ of } 3 12)\} \times 9 \times (11 7)$.
- Ans X 1. 58
 - X 2. 27
 - X 3. 64
 - **√** 4. **72**

Question ID: 75189712893

Option 1 ID : **75189751570** Option 2 ID : **75189751569** Option 3 ID : **75189751571**

Option 4 ID : **75189751572** Status : **Answered**

Chosen Option : 4

Q.78 Find the value of y in the equation given below.

$$3\frac{1}{2} + 2\frac{5}{7} \times y - \frac{1}{2} \div 2 = 4\frac{1}{4}$$

Ans

✓ 1.
$$\frac{7}{19}$$

× 3.
$$\frac{19}{7}$$

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

Question ID : 75189713248

Option 1 ID : **75189752991** Option 2 ID : **75189752990**

Option 3 ID : **75189752989**

Option 4 ID : **75189752992**Status : **Answered**



Q.79 If '+' means '-', '-' means ' x', 'x' means '+', '÷' means '+', what will come in place of the question mark (?) in the following equation?

 $102 \div 15 \times 5 - 7 + 10 \times 2 = ?$

Ans X 1. 119

× 2. 117

√ 3. 118

X 4. 116

Question ID: 75189711642 Option 1 ID: 75189746568 Option 2 ID: 75189746566

Option 3 ID: 75189746567 Option 4 ID: 75189746565

Status: Answered

Chosen Option: 3

Q.80 Refer to the following letter, number, symbol series and answer the question.

(Left) T M % A 8 ? 4 D & S R # Y 7 Z * E 9 = 5 C (Right)

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

Ans X 1. None

X 2. One

X 3. Three

Question ID: 75189713044

Option 1 ID: 75189752173 Option 2 ID: 75189752174

Option 3 ID: 75189752176

Option 4 ID: 75189752175

Status: Answered

Chosen Option: 4

Q.81 Find the volume of a sphere whose surface area is 5544 cm².

Ans 1. 9261 cm³

✓ 2. 38808 cm³

× 3. 96621 cm³

× 4. 10888 cm³

Question ID: 75189712087

Option 1 ID: 75189748345

Option 2 ID: 75189748347

Option 3 ID: 75189748348 Option 4 ID: 75189748346

Status: Answered





Q.82 A bank offers 7.5% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹3,600 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is [Give your answer correct to 2 decimal places.]

Ans

X 1 ₹405.06

√ 2. ₹410.06

× 3. ₹272.25

× 4. ₹415.06

Question ID: 75189712957 Option 1 ID: 75189751826 Option 2 ID: 75189751827 Option 3 ID: 75189751825 Option 4 ID: 75189751828 Status: Answered

Chosen Option: 2

Q.83 In the cases of the Fundamental Rights violations, the Supreme Court of India can be directly petitioned under which of the following Articles of the Constitution of India?

Ans X 1. Article 33

X 2. Article 34

X 3. Article 35

✓ 4. Article 32

Question ID: 75189712517 Option 1 ID: 75189750066 Option 2 ID: 75189750067 Option 3 ID: 75189750068 Option 4 ID: 75189750065

Status: Not Answered

Chosen Option: --

Q.84 Which state has become India's first State Assembly to implement the National e-Vidhan Application (NeVA) programme to become paperless in March 2022?

Ans

1 Nagaland

X 2. Kerala

X 3. Maharashtra

Madhya Pradesh

Madhya Pr

Question ID: 7518979366 Option 1 ID: 75189737463 Option 2 ID: 75189737464 Option 3 ID: 75189737461 Option 4 ID: 75189737462

Status: Answered



Q.85 The line joining the two focii of a lens is called _____.

Ans X 1. paraxial ray

✓ 2. principal axis

X 3. Focal length

* 4. radius of curvature

Question ID : 75189713755
Option 1 ID : 75189755020
Option 2 ID : 75189755017
Option 3 ID : 75189755018
Option 4 ID : 75189755019
Status : Answered

Chosen Option: 2

Q.86 Normally, in a healthy adult, the initial filtrate in the kidneys is about _____ daily.

Ans X 1. 130 L

X 2. 150 L

X 3. 160 L

Question ID: 75189712577
Option 1 ID: 75189750308
Option 2 ID: 75189750306
Option 3 ID: 75189750307
Option 4 ID: 75189750305
Status: Answered

Chosen Option: 4

Q.87 Who among the following was the first to blend his knowledge of science and mathematics to keep count of individuals exhibiting a particular trait in each generation

Ans 1. Gregor Johann Mendel

× 2. Stanley L Miller

X 3. Charles Robert Darwin

X 4. JBS Haldane.

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

Option 4 ID : **75189740967** Status : **Answered**





Q.88 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

BGH 17, FKL 14, JOP 11, NST 8, ?

Ans

X 1. QVW 5

√ 2. RWX 5

X 3. RVW 7

X 4. SWX 9

Question ID : **75189714467**Option 1 ID : **75189757865**Option 2 ID : **75189757867**Option 3 ID : **75189757866**Option 4 ID : **75189757868**

Status : Answered

Chosen Option: 2

Q.89 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.

GKV : IMX PLR : RNT

Ans X 1 TT

X 1. UKM: TPJ

× 2. EMH: VXR

X 3. WDZ: JAP

Question ID: 75189714926

Option 1 ID : **75189759701** Option 2 ID : **75189759702**

Option 3 ID: **75189759704** Option 4 ID: **75189759703**

Status : Answered

Chosen Option: 4

Q.90 The gas used to prevent the oxidation of chips is:

Ans

× 1. oxygen

× 3. hydrogen

× 4. argon

Question ID: 75189714679

Option 1 ID: 75189758715

Option 2 ID: **75189758713**

Option 3 ID: 75189758714

Option 4 ID: **75189758716**

Status: Answered





Q.91 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Fairies are Angels.

Some Fairies are Witches.

All Witches are Brooms.

Conclusions:

(I) Some Brooms are Fairies.

(II) Some Witches are Angels.

Ans

★ 1. Both conclusions (I) and (II) follow.

2. Neither conclusion (I) nor (II) follows.

3. Only conclusion (I) follows.

X 4. Only conclusion (II) follows.

Question ID : 75189714621

Option 1 ID : **75189758483** Option 2 ID : **75189758484** Option 3 ID : **75189758481**

Option 4 ID : **75189758482** Status : **Answered**

Chosen Option: 3

Q.92 How many such pairs of letters are there in the word HORIZON (in both forward and backward directions) which have as many letters between them as there are in the English alphabetical order?

Ans

√ 1. Four

× 2. One

X 3. Three

X 4. Two

Question ID : 75189710833

Option 1 ID: **75189743332** Option 2 ID: **75189743329** Option 3 ID: **75189743331**

Option 4 ID : **75189743330**Status : **Answered**

Chosen Option : 2

Q.93 The circumference of magnetic field lines _______ as we move away from a current carrying a straight conductor.

Ans

1 Decreases

2. increases

X 3. remains the same

X 4. become zero

Question ID: 75189713868

Option 1 ID : **75189755470** Option 2 ID : **75189755469**

Option 3 ID : **75189755472**

Option 4 ID: 75189755471

Status : Answered





Q.94 A, B, C, D, E, F, G and H 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 exact centre of the sides. A sits in the middle of one of the sides. B sits third to the right of A. Only three people sit between B and H. C sits second to the left of H. D sits to the immediate right of G. E is not an immediate neighbour of B.

Who sits second to the left of F?

Ans

X 1. H

× 2. E

√ 3. D

X 4. A

Question ID: **75189715213**

Option 1 ID: 75189760851 Option 2 ID: 75189760849 Option 3 ID: 75189760850 Option 4 ID: 75189760852

Status : Answered

Chosen Option: 3

Q.95 Which of the following is the largest mangrove forest in the world?

An

★ 1 Godavari Krishna mangroves

× 2. Bhitarkanika mangroves

× 4 Pichavaram mangrove forest

Question ID: 75189715468

Option 1 ID : **75189761872** Option 2 ID : **75189761871**

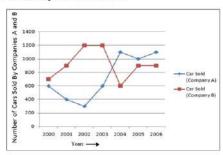
Option 3 ID : **75189761870**

Option 4 ID: 75189761869

Status : Answered



Q.96 The following graph shows the number of cars sold by two companies A and B over the years. Study the graph and answer the question that follows.



During the year 2003-2004, the sales of cars of Company B declined drastically. Calculate the decrease in the number of cars sold by Company B in year 2004 as compared to the previous year.

Ans X 1. 500

X 2. 700

3. 600

X 4. 400

Question ID: 75189711651

Option 1 ID: 75189746602 Option 2 ID: 75189746604

Option 3 ID: 75189746603 Option 4 ID: 75189746601

Status: Answered

Chosen Option: 3

Q.97 Sunny starts from Point A and drives 17 km towards the east. He then takes a right turn, drives 12 km, turns right and drives 8 km. He then takes a right turn and drives 7 km. He takes a final left turn, drives 9 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns

Ans

× 1. 5 km towards the south

× 2. 3 km towards the north

× 3. 7 km towards the south

Question ID: 75189715367 Option 1 ID: 75189761467 Option 2 ID: 75189761466 Option 3 ID: 75189761468 Option 4 ID: 75189761465

Status: Answered





Q.98 Suppose a doctor has prescribed a corrective lens of power +2.5 D. The focal length of the lens is:

Ans X 1. -40 cm

× 2. +30 cm

× 3. −30 cm

√ 4. +40 cm

Question ID: 75189711289 Option 1 ID: 75189745156 Option 2 ID: 75189745153 Option 3 ID: 75189745154 Option 4 ID: 75189745155

Status: Answered Chosen Option: 4

Q.99 Which company developed CoviSelf, a self-testing kit for the COVID-19 infection?

Ans

★ 1. Cipla

2. Mylab

✗ 3. Johnson & Johnson

X 4. SII

Question ID: 75189714032 Option 1 ID: 75189756128 Option 2 ID: 75189756127 Option 3 ID: 75189756126

Option 4 ID: 75189756125 Status: Answered

Chosen Option: 3

Q.100 The least value of x so that the number 478265475x + 25481459x is divisible by 8, is given by:

Ans
$$\times$$
 1. $x = 1$

$$\times$$
 2. $x = 4$

$$\times$$
 4. $x = 3$

Question ID: 75189713270

Option 1 ID: 75189753077 Option 2 ID: 75189753079 Option 3 ID: 75189753080

Option 4 ID: 75189753078

Status: Answered