



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	Digitrack IT Services
Test Date	28/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

\* Note

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

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

Section : Level 1

**Q.1** Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

All grapes are lemons  
Some dates are papayas  
Some grapes are cherries

**Conclusions:**

(I) Some lemons are dates  
(II) Some grapes are papayas  
(III) Some lemons are cherries

- Ans**
- 1. None of the conclusions follow
  - 2. Only conclusion I follows
  - 3. Only conclusion II follows
  - 4. Only conclusion III follows

Question ID : 75189714515

Option 1 ID : 75189758060

Option 2 ID : 75189758057

Option 3 ID : 75189758058

Option 4 ID : 75189758059

Status : Answered

Chosen Option : 4

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Q.2 Which of the following numbers will replace the question mark (?) in the given series?

1, 4, 11, 26, 57, 120, ?

- Ans
- 1. 254
  - 2. 128
  - 3. 246
  - 4. 247

Question ID : 75189712677  
Option 1 ID : 75189750708  
Option 2 ID : 75189750707  
Option 3 ID : 75189750706  
Option 4 ID : 75189750705  
Status : Answered  
Chosen Option : 4

Q.3 If the angle between the direction of current flowing through a conductor and the direction of magnetic field is zero, the force (F) acting on the conductor will be \_\_\_\_\_.

- Ans
- 1. Zero
  - 2. F
  - 3. 2F
  - 4. F/2

Question ID : 75189713871  
Option 1 ID : 75189755481  
Option 2 ID : 75189755482  
Option 3 ID : 75189755483  
Option 4 ID : 75189755484  
Status : Answered  
Chosen Option : 1

Q.4 Pankaj can do one-fifth of a piece of work in 6 days and Jagath can do one-fourth of the same work in 8 days. Find the number of days taken to complete the work if both work together. (Round the answer to one decimal place.)

- Ans
- 1. 14.5
  - 2. 15.5
  - 3. 16.5
  - 4. 15.8

Question ID : 75189713331  
Option 1 ID : 75189753324  
Option 2 ID : 75189753321  
Option 3 ID : 75189753323  
Option 4 ID : 75189753322  
Status : Answered  
Chosen Option : 4

Q.5 निम्न अक्षर, संख्या, प्रतीक शृंखला के आधार पर पूछे गए प्रश्न का उत्तर दीजिए।

(बाएं) M K T # 7 8 R Y @ S F E ? D Q \* 5 9 C = 2 H (दाएं)

ऐसे कितने प्रतीक हैं जिनके ठीक पहले एक अक्षर है और ठीक बाद एक संख्या भी है?

- Ans
- 1. एक
  - 2. तीन
  - 3. दो
  - 4. चार

Question ID : 75189713048  
 Option 1 ID : 75189752189  
 Option 2 ID : 75189752191  
 Option 3 ID : 75189752190  
 Option 4 ID : 75189752192  
 Status : Answered  
 Chosen Option : 2

Q.6 What is the best method to dispose of hospital waste?

- Ans
- 1. Wash before burning
  - 2. Sterilise and separate metals from cotton
  - 3. Bury it in deep trenches
  - 4. Segregate and recycle

Question ID : 75189712312  
 Option 1 ID : 75189749248  
 Option 2 ID : 75189749245  
 Option 3 ID : 75189749246  
 Option 4 ID : 75189749247  
 Status : Answered  
 Chosen Option : 3

Q.7 If '+' means '×', '-' means '+', '×' means '+', and '+' means '-', what will come in place of the question mark (?) in the following equation?

$$15 + 3 - 5 + 7 \times 6 = ?$$

- Ans
- 1. 12
  - 2. 8
  - 3. 15
  - 4. 10

Question ID : 75189713069  
 Option 1 ID : 75189752274  
 Option 2 ID : 75189752276  
 Option 3 ID : 75189752275  
 Option 4 ID : 75189752273  
 Status : Answered  
 Chosen Option : 2

**Q.8** 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.

IPN : XTR  
LSK : PWO

- Ans**
- 1. MZC : DGQ
  - 2. QGD : CMZ
  - 3. ZMC : DQG
  - 4. DQG : ZMC

Question ID : 75189711596  
Option 1 ID : 75189746384  
Option 2 ID : 75189746383  
Option 3 ID : 75189746382  
Option 4 ID : 75189746381  
Status : Answered  
Chosen Option : 3

**Q.9** Who is the first Indian woman to score a century in a pink-ball Test cricket match in 2021?

- Ans**
- 1. Smriti Mandhana
  - 2. Deepti Sharma
  - 3. Sneha Rana
  - 4. Mithali Raj

Question ID : 75189714027  
Option 1 ID : 75189756108  
Option 2 ID : 75189756107  
Option 3 ID : 75189756106  
Option 4 ID : 75189756105  
Status : Answered  
Chosen Option : 1

**Q.10** Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

Some pencils are lanterns  
All lanterns are rubbers  
Some candies are pencils.

**Conclusions:**

(I) Some candies are lanterns  
(II) Some rubbers are candies  
(III) All pencils are rubbers

- Ans**
- 1. Only conclusion II follows
  - 2. Either conclusion I or III follows
  - 3. None of the conclusions follow
  - 4. Only conclusion I follows

Question ID : 75189714518

Option 1 ID : 75189758070

Option 2 ID : 75189758071

Option 3 ID : 75189758072

Option 4 ID : 75189758069

Status : Not Answered

Chosen Option : --

**Q.11** A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$M \geq N < O = P > Q > R > S$

**Conclusions:**

I.  $M > Q$   
II.  $O > R$

- Ans**
- 1. Only conclusion II is true
  - 2. Neither conclusion I nor II is true
  - 3. Both conclusions I and II are true
  - 4. Only conclusion I is true

Question ID : 75189711494

Option 1 ID : 75189745974

Option 2 ID : 75189745975

Option 3 ID : 75189745976

Option 4 ID : 75189745973

Status : Answered

Chosen Option : 1

Q.12 Which of the following statements for a parallel circuit is true?

Ans  1.

The net current of a parallel circuit is always less than that of individual currents.

2.

The potential difference across individual resistances of a parallel circuit is always unequal.

3.

The net resistance of a parallel circuit is always less than the sum of individual resistances.

4.

The net resistance of a parallel circuit is always greater than the sum of individual resistances.

Question ID : 75189713814

Option 1 ID : 75189755256

Option 2 ID : 75189755255

Option 3 ID : 75189755253

Option 4 ID : 75189755254

Status : Marked For Review

Chosen Option : 1

Q.13 Which of the following statements is INCORRECT about the rivers of India?

Ans  1.

The Godavari rises in the Jabalpur district of Madhya Pradesh.

2. The Krishna River rises near Mahabaleshwar in Sahyadri.

3.

The Kaveri rises in Brahmagiri hills of Kogadu district in Karnataka.

4.

The Mahanadi rises near Sihawa in Raipur district of Chhattisgarh.

Question ID : 75189714012

Option 1 ID : 75189756045

Option 2 ID : 75189756046

Option 3 ID : 75189756048

Option 4 ID : 75189756047

Status : Answered

Chosen Option : 1

Q.14 What is the name of the mission in which there is an attempt to boost Research and Development in the country by enabling and grooming potential PG / PhD level students by developing dedicated research skills in selected areas / disciplines / fields through high-end workshops and Training and Skill Internship?

Ans  1. VRITIKA

2. KARYASHALA

3. DAKSHATA

4. ABHYAAS

Question ID : 75189712345

Option 1 ID : 75189749379

Option 2 ID : 75189749377

Option 3 ID : 75189749380

Option 4 ID : 75189749378

Status : Answered

Chosen Option : 3

Q.15 Which of the following sports is NOT covered in the National Air Sports Policy 2022 of India?

- Ans
- 1. Aerobics
  - 2. Ballooning
  - 3. Drones
  - 4. Rally Flying

Question ID : 75189712570  
Option 1 ID : 75189750279  
Option 2 ID : 75189750278  
Option 3 ID : 75189750277  
Option 4 ID : 75189750280  
Status : Not Answered  
Chosen Option : --

Q.16 The following are the marks obtained in a test out of 20 by a group of 10 students. Find the mode of the data.

15, 12, 13, 14, 16, 15, 18, 19, 11, 15.

- Ans
- 1. 18
  - 2. 15
  - 3. 16
  - 4. 19

Question ID : 75189712990  
Option 1 ID : 75189751959  
Option 2 ID : 75189751957  
Option 3 ID : 75189751958  
Option 4 ID : 75189751960  
Status : Answered  
Chosen Option : 2

Q.17 MUDRA refers to \_\_\_\_\_

- Ans
- 1. Medium Units Development Regulatory Association
  - 2. Medium Units Developed and Refinance Association
  - 3. Micro Units Development and Refinance Agency
  - 4. Micro Units Developing and Regulatory Agency

Question ID : 75189712108  
Option 1 ID : 75189748431  
Option 2 ID : 75189748432  
Option 3 ID : 75189748430  
Option 4 ID : 75189748429  
Status : Answered  
Chosen Option : 4



Q.18 In the context of five year planning in India, the period from 1966 to 1969 was a period of \_\_\_\_\_.

- Ans
- 1. 3<sup>rd</sup> plan
  - 2. 4<sup>th</sup> plan
  - 3. no plan
  - 4. three annual plans

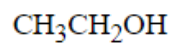
Question ID : 7518976835  
Option 1 ID : 75189727338  
Option 2 ID : 75189727340  
Option 3 ID : 75189727337  
Option 4 ID : 75189727339  
Status : Answered  
Chosen Option : 2

Q.19 In a certain code language, 'LIST' is written as 'NKUV' and 'PACK' is written as 'RCEM'. How will 'PLANT' be written in that language?

- Ans
- 1. RMCOV
  - 2. OMBSR
  - 3. RNCPV
  - 4. QMBOU

Question ID : 75189714909  
Option 1 ID : 75189759635  
Option 2 ID : 75189759636  
Option 3 ID : 75189759634  
Option 4 ID : 75189759633  
Status : Answered  
Chosen Option : 3

Q.20 Which of the following is a correct nomenclature of the given structure?



- Ans
- 1. Ethan-1-ol
  - 2. Methan-2-ol
  - 3. Ethan-2-ol
  - 4. Methan-1-ol

Question ID : 75189714998  
Option 1 ID : 75189759989  
Option 2 ID : 75189759992  
Option 3 ID : 75189759991  
Option 4 ID : 75189759990  
Status : Answered  
Chosen Option : 3

Q.21 What will be the colour of pH paper when it is dipped in gastric juice?

- Ans
- 1. Red
  - 2. Blue
  - 3. Yellow
  - 4. Greenish-yellow

Question ID : 75189711895  
Option 1 ID : 75189747577  
Option 2 ID : 75189747579  
Option 3 ID : 75189747580  
Option 4 ID : 75189747578  
Status : Answered  
Chosen Option : 1

Q.22 Light travels from air into water with an index of refraction of 1.33. The light ray will:

- Ans
- 1. go perpendicular to the normal
  - 2. bend away from the normal
  - 3. bend towards the normal
  - 4. go parallel to the normal

Question ID : 75189711278  
Option 1 ID : 75189745112  
Option 2 ID : 75189745110  
Option 3 ID : 75189745109  
Option 4 ID : 75189745111  
Status : Answered  
Chosen Option : 3

Q.23 According to the Newland's law of octaves, how many elements are present in between Potassium and Copper?

- Ans
- 1. 9
  - 2. 5
  - 3. 8
  - 4. 7

Question ID : 75189714799  
Option 1 ID : 75189759196  
Option 2 ID : 75189759193  
Option 3 ID : 75189759194  
Option 4 ID : 75189759195  
Status : Not Answered  
Chosen Option : --

Q.24 Venkateshwara, also known as Venkatachalapati Srinivasa and Balaji, is a form of the Hindu God:

- Ans
- 1. Vishnu
  - 2. Hanuman
  - 3. Shiva
  - 4. Brahma

Question ID : 75189710558  
Option 1 ID : 75189742231  
Option 2 ID : 75189742232  
Option 3 ID : 75189742230  
Option 4 ID : 75189742229  
Status : Answered  
Chosen Option : 1

Q.25 A man crosses a 375 m road in 75 sec. His speed (in km/h) is:

- Ans
- 1. 15
  - 2. 18
  - 3. 13
  - 4. 20

Question ID : 75189712974  
Option 1 ID : 75189751894  
Option 2 ID : 75189751893  
Option 3 ID : 75189751895  
Option 4 ID : 75189751896  
Status : Answered  
Chosen Option : 2

Q.26 Which mode of political organisation unites separate states or other polities within an overarching political system in a way that allows each to maintain its own integrity?

- Ans
- 1. Integrity
  - 2. Federalism
  - 3. Sovereignty
  - 4. Democracy

Question ID : 7518979436  
Option 1 ID : 75189737744  
Option 2 ID : 75189737741  
Option 3 ID : 75189737743  
Option 4 ID : 75189737742  
Status : Answered  
Chosen Option : 3

Q.27 What is the pH of a neutral solution?

- Ans
- 1. 0
  - 2. 7
  - 3. 14
  - 4. 8

Question ID : 75189714681  
Option 1 ID : 75189758721  
Option 2 ID : 75189758722  
Option 3 ID : 75189758724  
Option 4 ID : 75189758723  
Status : Answered  
Chosen Option : 2

Q.28 दी गई अक्षर, संख्या, प्रतीक श्रृंखला का अध्ययन करें, और पूछे गए प्रश्न का उत्तर दें।

7 T % N 9 \* M \$ 3 U L = 8 Y @ G & 4 E > 5 & R 3 ! K # 7 H = Y 6 R

ऐसी कितनी संख्याएं हैं, जिनके ठीक पहले एक प्रतीक और ठीक बाद एक अक्षर आता है।

- Ans
- 1. 5
  - 2. 4
  - 3. 2
  - 4. 3

Question ID : 7518974799  
Option 1 ID : 75189719193  
Option 2 ID : 75189719195  
Option 3 ID : 75189719194  
Option 4 ID : 75189719196  
Status : Answered  
Chosen Option : 1

Q.29 Which of the following natural resources do we need to use judiciously to prevent intense global warming?

- Ans
- 1. Metals and coal
  - 2. Coal and water
  - 3. Coal and petroleum
  - 4. Petroleum and water

Question ID : 75189710283  
Option 1 ID : 75189741132  
Option 2 ID : 75189741131  
Option 3 ID : 75189741129  
Option 4 ID : 75189741130  
Status : Answered  
Chosen Option : 3

**Q.30** The price of a bike was increased by 10% and then again increased by 8%. The net percentage increase in the price of the bike is:

- Ans**
- 1. 18%
  - 2. 19%
  - 3. 18.8%
  - 4. 17%

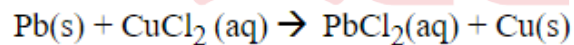
Question ID : 75189713288  
Option 1 ID : 75189753150  
Option 2 ID : 75189753152  
Option 3 ID : 75189753151  
Option 4 ID : 75189753149  
Status : Answered  
Chosen Option : 3

**Q.31** Which of the following legendary wheat scientists was awarded the Padma Bhushan 2022 in the Science and Engineering category?

- Ans**
- 1. Sanjaya Rajaram
  - 2. Sanghamitra Bandyopadhyay
  - 3. Subbanna Ayyappan
  - 4. Aditya Prasad Dash

Question ID : 75189712339  
Option 1 ID : 75189749354  
Option 2 ID : 75189749355  
Option 3 ID : 75189749353  
Option 4 ID : 75189749356  
Status : Not Answered  
Chosen Option : --

**Q.32** In a given reaction, which element acts as an ion?



- Ans**
- 1. Only Cu
  - 2. Only Pb
  - 3. Both Pb and Cu
  - 4. Only Cl<sub>2</sub>

Question ID : 75189714765  
Option 1 ID : 75189759058  
Option 2 ID : 75189759057  
Option 3 ID : 75189759060  
Option 4 ID : 75189759059  
Status : Marked For Review  
Chosen Option : 1

Q.33 Bundelkhand and Baghelkhand are part of which physical feature of India?

- Ans
- 1. Coastal Plains
  - 2. Himalayan Mountains
  - 3. Peninsular Plateau
  - 4. Northern Plains

Question ID : 75189712498  
Option 1 ID : 75189749992  
Option 2 ID : 75189749989  
Option 3 ID : 75189749990  
Option 4 ID : 75189749991  
Status : Answered  
Chosen Option : 3

Q.34 Read the given statement and conclusions carefully. Assuming that the information given in the statement 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.

Statement: Insufficient sleep is the major cause of swelling under eyes.

Conclusions:

- (I) A good night's sleep leads to increase in memory and concentration.  
(II) People who get sufficient sleep never have swelling under the eyes.

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

Question ID : 75189714741  
Option 1 ID : 75189758964  
Option 2 ID : 75189758962  
Option 3 ID : 75189758963  
Option 4 ID : 75189758961  
Status : Marked For Review  
Chosen Option : 1

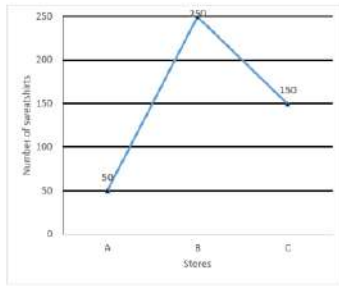
Q.35 If the length of a rectangle is twice its breadth and the perimeter of that rectangle is 42 cm, then find its length (in cm).

- Ans
- 1. 14
  - 2. 8
  - 3. 7
  - 4. 11

Question ID : 75189713001  
Option 1 ID : 75189752004  
Option 2 ID : 75189752002  
Option 3 ID : 75189752001  
Option 4 ID : 75189752003  
Status : Answered  
Chosen Option : 1

**Q.36** Study the given line graph and answer the following question.

The given line graph depicts the number of sweatshirts in stores A, B and C.



Out of the number of sweatshirts in stores A and B, 20% and 40%, respectively were sold. What is the total number of sweatshirts sold by stores A and B?

- Ans**
- 1. 130
  - 2. 120
  - 3. 90
  - 4. 110

Question ID : 75189712726  
 Option 1 ID : 75189750904  
 Option 2 ID : 75189750901  
 Option 3 ID : 75189750903  
 Option 4 ID : 75189750902  
 Status : Answered  
 Chosen Option : 4

**Q.37** The ratio of Teja's and his mother's present ages is 7 : 11. The difference between their ages is 20 years. The age of Teja after 3 years will be:

- Ans**
- 1. 35 years
  - 2. 29 years
  - 3. 38 years
  - 4. 32 years

Question ID : 75189712832  
 Option 1 ID : 75189751327  
 Option 2 ID : 75189751325  
 Option 3 ID : 75189751328  
 Option 4 ID : 75189751326  
 Status : Answered  
 Chosen Option : 3

**Q.38** Mr. Rao walks 45 minutes in a day. What fraction of a day does he walk per day, expressed as a fraction?

- Ans**
- 1.  $\frac{3}{4}$
  - 2.  $\frac{1}{80}$
  - 3.  $\frac{1}{24}$
  - 4.  $\frac{1}{32}$

Question ID : 75189713262  
 Option 1 ID : 75189753046  
 Option 2 ID : 75189753048  
 Option 3 ID : 75189753047  
 Option 4 ID : 75189753045  
 Status : Answered  
 Chosen Option : 1

**Q.39** The sum of average variable cost and average fixed cost is known as \_\_\_\_\_.

- Ans**
- 1. actual cost
  - 2. average cost
  - 3. total cost
  - 4. marginal cost

Question ID : 75189712483  
 Option 1 ID : 75189749930  
 Option 2 ID : 75189749929  
 Option 3 ID : 75189749932  
 Option 4 ID : 75189749931  
 Status : Not Answered  
 Chosen Option : --

**Q.40** Refer to the following letter and symbol series and answer the question.

(Left) Z # U \* Y S K W P Q @ G & A % J B L % & H E # V (Right)

How many such symbols are there in the series which are immediately preceded by a vowel and also immediately followed by a consonant?

- Ans**
- 1. Two
  - 2. Five
  - 3. Three
  - 4. Four

Question ID : 75189710853  
 Option 1 ID : 75189743409  
 Option 2 ID : 75189743411  
 Option 3 ID : 75189743412  
 Option 4 ID : 75189743410  
 Status : Answered  
 Chosen Option : 3



Q.41 Which of the following statements is/are always true?

- a) In a parallelogram, diagonals bisect each other.
- b) In a rectangle, the opposite angles are equal and each measure  $90^\circ$ .
- c) Diagonals of a kite intersect at right angles.

- Ans
- 1. Only (b) and (c)
  - 2. All three of (a), (b) and (c)
  - 3. Only (a)
  - 4. Only (a) and (b)

Question ID : 75189712881

Option 1 ID : 75189751523

Option 2 ID : 75189751524

Option 3 ID : 75189751521

Option 4 ID : 75189751522

Status : Answered

Chosen Option : 2

Q.42 Which substance formed precipitates when a reaction occurs between potassium sulfate and barium chloride?

- Ans
- 1. Barium chloride
  - 2. Potassium chloride
  - 3. Potassium sulfate
  - 4. Barium sulfate

Question ID : 75189714708

Option 1 ID : 75189758831

Option 2 ID : 75189758832

Option 3 ID : 75189758830

Option 4 ID : 75189758829

Status : Not Answered

Chosen Option : --

Q.43 The value of  $2 - \frac{\cos^2 \theta}{1 + \sin \theta} + \frac{1 + \sin \theta}{\cos \theta} - \frac{\cos \theta}{1 - \sin \theta}$  is:

- Ans
- 1.  $1 + \cos \theta$
  - 2.  $1 - \sin \theta$
  - 3.  $1 - \cos \theta$
  - 4.  $1 + \sin \theta$

Question ID : 75189712885

Option 1 ID : 75189751540

Option 2 ID : 75189751537

Option 3 ID : 75189751539

Option 4 ID : 75189751538

Status : Not Answered

Chosen Option : --

Q.44 If the quadratic equation  $ax^2 - 4x + 1 = 0$  has equal roots, then the value of  $a$  is:

- Ans
- 1. 2
  - 2. 1
  - 3. 3
  - 4. 4

Question ID : 75189712848  
Option 1 ID : 75189751391  
Option 2 ID : 75189751392  
Option 3 ID : 75189751390  
Option 4 ID : 75189751389  
Status : Answered  
Chosen Option : 4

Q.45 In September 2021, India's first pan-India toll-free helpline – 14567 which aims to provide information, guidance, emotional support, and in cases of abuse, immediate assistance too, was officially launched by the Ministry of Social Justice and Empowerment. What is this line called?

- Ans
- 1. Elder line
  - 2. Senior line
  - 3. Sahyog line
  - 4. Sampark line

Question ID : 75189712348  
Option 1 ID : 75189749389  
Option 2 ID : 75189749390  
Option 3 ID : 75189749391  
Option 4 ID : 75189749392  
Status : Marked For Review  
Chosen Option : 3

Q.46 If 5 is one root of  $x^2 - (a - 1)x + 10 = 0$ , then the other root is:

- Ans
- 1. 2
  - 2. 1
  - 3. 6
  - 4. 4

Question ID : 75189712841  
Option 1 ID : 75189751363  
Option 2 ID : 75189751364  
Option 3 ID : 75189751361  
Option 4 ID : 75189751362  
Status : Answered  
Chosen Option : 1

Q.47 Which hormone helps the body to adjust to stress when one is very angry, embarrassed or worried?

- Ans
- 1. Adrenalin
  - 2. Estrogen
  - 3. Thyroxine
  - 4. Testosterone

Question ID : 75189713905  
Option 1 ID : 75189755619  
Option 2 ID : 75189755618  
Option 3 ID : 75189755620  
Option 4 ID : 75189755617  
Status : Answered  
Chosen Option : 1

Q.48 Annie Besant founded the Central Hindu College at Banaras which she later handed over to \_\_\_\_\_.

- Ans
- 1. Madame HP Blavatsky
  - 2. Swami Vivekananda
  - 3. Madan Mohan Malviya
  - 4. Col. HS Olcott

Question ID : 75189712358  
Option 1 ID : 75189749431  
Option 2 ID : 75189749430  
Option 3 ID : 75189749429  
Option 4 ID : 75189749432  
Status : Answered  
Chosen Option : 3

Q.49 The power of an electric equipment through which a charge of 15 coulomb is flowing per 5 seconds when it is connected to a 20 V source is \_\_\_\_\_.

- Ans
- 1. 1500 calorie
  - 2. 60 calorie
  - 3. 60 watt
  - 4. 1500 watt

Question ID : 75189713840  
Option 1 ID : 75189755357  
Option 2 ID : 75189755359  
Option 3 ID : 75189755358  
Option 4 ID : 75189755360  
Status : Answered  
Chosen Option : 3

**Q.50** Two mixtures A and B have the following compositions.

Mixture A has copper and tin in the ratio 1 : 2

Mixture B has copper and tin in the ratio 1 : 3

If equal quantities of mixtures A and B are used for producing mixture C, then find the ratio of copper and tin in mixture C.

- Ans**
- 1. 7 : 17
  - 2. 7 : 12
  - 3. 2 : 5
  - 4. 1 : 5

Question ID : 75189713300  
Option 1 ID : 75189753200  
Option 2 ID : 75189753199  
Option 3 ID : 75189753198  
Option 4 ID : 75189753197  
Status : Answered  
Chosen Option : 3

**Q.51** Which of the following is the biggest Biosphere Reserve of India in terms of geographical area?

- Ans**
- 1. Gulf of Mannar
  - 2. Nanda Devi
  - 3. Kachchh
  - 4. Sunderbans

Question ID : 75189712415  
Option 1 ID : 75189749659  
Option 2 ID : 75189749658  
Option 3 ID : 75189749660  
Option 4 ID : 75189749657  
Status : Answered  
Chosen Option : 2

**Q.52** 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.

20 : 30 :: 42 : ? :: 72 : 90

- Ans**
- 1. 55
  - 2. 51
  - 3. 52
  - 4. 56

Question ID : 75189713701  
Option 1 ID : 75189754801  
Option 2 ID : 75189754802  
Option 3 ID : 75189754804  
Option 4 ID : 75189754803  
Status : Answered  
Chosen Option : 4

Q.53 The value of  $3 - 25 \div [12 \div 4 \times 2 - (3 \times 7 \div 21)]$  is:

- Ans
- 1. -2
  - 2. -1
  - 3. 1
  - 4. 2

Question ID : 75189712592  
Option 1 ID : 75189750365  
Option 2 ID : 75189750366  
Option 3 ID : 75189750368  
Option 4 ID : 75189750367  
Status : Answered  
Chosen Option : 1

Q.54 A certain number of people are sitting in a row and facing north. U is sitting 4<sup>th</sup> to the right of S. V is sitting 5<sup>th</sup> from the right end. V is seated at the immediate right of U. If no other person is sitting in the row, what is the total number of persons seated ?

- Ans
- 1. 4
  - 2. 10
  - 3. 11
  - 4. 8

Question ID : 75189713599  
Option 1 ID : 75189754394  
Option 2 ID : 75189754393  
Option 3 ID : 75189754396  
Option 4 ID : 75189754395  
Status : Answered  
Chosen Option : 2

Q.55 The mathematical form of Ohm's law is represented as \_\_\_\_\_. (Here V = potential difference, I = current flowing through a conductor and R = Resistance.)

- Ans
- 1.  $I = R^2/V$
  - 2.  $I = R/V$
  - 3.  $I = V/R$
  - 4.  $V = I/R$

Question ID : 75189713774  
Option 1 ID : 75189755096  
Option 2 ID : 75189755095  
Option 3 ID : 75189755094  
Option 4 ID : 75189755093  
Status : Answered  
Chosen Option : 4

Q.56 Express  $0.\overline{25}$  in the form  $\frac{p}{q}$ , where p and q are integers and  $q \neq 0$ .

Ans

1.  $\frac{25}{10000}$

2.  $\frac{25}{90}$

3.  $\frac{25}{100}$

4.  $\frac{25}{99}$

Question ID : 75189712907

Option 1 ID : 75189751628

Option 2 ID : 75189751625

Option 3 ID : 75189751627

Option 4 ID : 75189751626

Status : Answered

Chosen Option : 4

Q.57 If '+' means '-', '-' means '+', 'x' means '÷', and '÷' means 'x', what will come in place of the question mark (?) in the following equation?

$15 \times 6 + 12 + 4 - 5 = ?$

Ans  1. 8

2. 12

3. 2

4. 5

Question ID : 75189713068

Option 1 ID : 75189752269

Option 2 ID : 75189752270

Option 3 ID : 75189752271

Option 4 ID : 75189752272

Status : Answered

Chosen Option : 3

**Q.58** Which of the following statements with regard to the principal axis of a spherical mirror is/are correct?

- (a) The pole on the principal axis is similar to the origin of a Cartesian coordinate axes plane.
- (b) Distances measured from the pole, along the principal axis opposite to the direction of incident light are negative.
- (c) Heights of objects or images above the principal axis and perpendicular to it are considered negative.

- Ans**
- 1. Only (a) and (b)
  - 2. Only (b) and (c)
  - 3. (a), (b) and (c)
  - 4. Only (a) and (c)

Question ID : 75189714100

Option 1 ID : 75189756397

Option 2 ID : 75189756398

Option 3 ID : 75189756400

Option 4 ID : 75189756399

Status : Not Answered

Chosen Option : --

**Q.59** Six friends are sitting around a round table facing the centre with equal distances between two neighbours. Wasim is second to the right of Muskan. Ekta is sitting to the immediate left of Rohit. Anushri is sitting third to the left of Wasim. Suresh is second to the left of Ekta. Who is to the immediate right of Wasim?

- Ans**
- 1. Rohit
  - 2. Ekta
  - 3. Muskan
  - 4. Suresh

Question ID : 75189714161

Option 1 ID : 75189756644

Option 2 ID : 75189756641

Option 3 ID : 75189756643

Option 4 ID : 75189756642

Status : Answered

Chosen Option : 4

**Q.60** Newlands arranged the elements into the periodic table on the basis of \_\_\_\_\_.

- Ans**
- 1. non-metallic character
  - 2. decreasing atomic mass
  - 3. metallic character
  - 4. increasing atomic mass

Question ID : 75189715035

Option 1 ID : 75189760140

Option 2 ID : 75189760138

Option 3 ID : 75189760139

Option 4 ID : 75189760137

Status : Answered

Chosen Option : 3

Q.61 Which Article of the Constitution of India gives Advisory Jurisdiction to the Supreme Court of India?

- Ans
- ✓ 1. Article 143
  - ✗ 2. Article 142
  - ✗ 3. Article 133
  - ✗ 4. Article 132

Question ID : 75189712167  
Option 1 ID : 75189748665  
Option 2 ID : 75189748666  
Option 3 ID : 75189748668  
Option 4 ID : 75189748667  
Status : Answered  
Chosen Option : 1

Q.62 Mr. Rao sold a car at ₹1,64,000, thereby incurring a 20% loss. The cost price of the car was:

- Ans
- ✓ 1. ₹ 2,05,000
  - ✗ 2. ₹ 2,00,500
  - ✗ 3. ₹ 2,50,000
  - ✗ 4. ₹ 2,00,050

Question ID : 75189712962  
Option 1 ID : 75189751845  
Option 2 ID : 75189751847  
Option 3 ID : 75189751846  
Option 4 ID : 75189751848  
Status : Answered  
Chosen Option : 1

Q.63 If the area of the base of a cylinder is  $3850 \text{ cm}^2$  and its height is twice the radius of its base, then find the volume of the cylinder. [Use  $\pi = \frac{22}{7}$ ]

- Ans
- ✓ 1.  $269500 \text{ cm}^3$
  - ✗ 2.  $235320 \text{ cm}^3$
  - ✗ 3.  $245340 \text{ cm}^3$
  - ✗ 4.  $201250 \text{ cm}^3$

Question ID : 75189712864  
Option 1 ID : 75189751455  
Option 2 ID : 75189751454  
Option 3 ID : 75189751453  
Option 4 ID : 75189751456  
Status : Answered  
Chosen Option : 1



**Q.64** Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept above C. Only E is kept between D and F. G is kept immediately below F. B is kept immediately below A. Only C is kept between B and D. How many boxes are kept between B and F?

- Ans**
- 1. Three
  - 2. Four
  - 3. One
  - 4. Two

Question ID : 75189713540  
Option 1 ID : 75189754157  
Option 2 ID : 75189754160  
Option 3 ID : 75189754159  
Option 4 ID : 75189754158  
Status : Answered  
Chosen Option : 1

**Q.65** 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, which is numbered 6. Only one person lives above C. Only three people live between C and B. A does not live on the topmost floor. Only one person lives between A and F. F lives below A. D lives on an even numbered floor. Who lives immediately below E?

- Ans**
- 1. F
  - 2. B
  - 3. D
  - 4. A

Question ID : 75189713491  
Option 1 ID : 75189753964  
Option 2 ID : 75189753963  
Option 3 ID : 75189753961  
Option 4 ID : 75189753962  
Status : Answered  
Chosen Option : 1

**Q.66** The measure of each interior angle of a regular octagon is:

- Ans**
- 1.  $165^\circ$
  - 2.  $180^\circ$
  - 3.  $135^\circ$
  - 4.  $140^\circ$

Question ID : 75189712876  
Option 1 ID : 75189751503  
Option 2 ID : 75189751504  
Option 3 ID : 75189751501  
Option 4 ID : 75189751502  
Status : Not Answered  
Chosen Option : --

Q.67 Find the arithmetic mean of the following data.

12, 13, 18, 12, 15, 15, 16, 13, 19, 17

- Ans
- 1. 15.5
  - 2. 14
  - 3. 13.5
  - 4. 15

Question ID : 75189713344  
Option 1 ID : 75189753376  
Option 2 ID : 75189753373  
Option 3 ID : 75189753375  
Option 4 ID : 75189753374  
Status : Answered  
Chosen Option : 4

Q.68 A concave mirror of focal length  $f$  produces a real image at a distance  $v$  from the pole, when an object is kept at the distance  $u$  from the pole. Here, focal length of the given mirror is:

- Ans
- 1.  $(u + v) / (u v)$
  - 2.  $(1/u) - (1/v)$
  - 3.  $(u v) / (u + v)$
  - 4.  $(1/v) - (1/u)$

Question ID : 75189711143  
Option 1 ID : 75189744570  
Option 2 ID : 75189744571  
Option 3 ID : 75189744569  
Option 4 ID : 75189744572  
Status : Marked For Review  
Chosen Option : 4

Q.69 Which of the following numbers will replace the question mark (?) in the given series?

30, 54, 86, 126, 174, ?

- Ans
- 1. 230
  - 2. 210
  - 3. 208
  - 4. 220

Question ID : 75189713127  
Option 1 ID : 75189752508  
Option 2 ID : 75189752506  
Option 3 ID : 75189752505  
Option 4 ID : 75189752507  
Status : Answered  
Chosen Option : 1

**Q.70** Pallavi bought a toy for ₹128, decorated it at a cost of ₹15, and sold the toy for ₹130. Find the loss or gain percentage.

- Ans**
- ✓ 1.  $\frac{100}{11}$  % Loss
  - ✗ 2.  $\frac{100}{11}$  % Gain
  - ✗ 3. 10% Gain
  - ✗ 4. 10% Loss

Question ID : 75189713309  
Option 1 ID : 75189753233  
Option 2 ID : 75189753234  
Option 3 ID : 75189753235  
Option 4 ID : 75189753236  
Status : Answered  
Chosen Option : 1

**Q.71** Two numbers are in the ratio 5 : 3, and the difference between these two numbers is 34. Find the smaller of the two numbers.

- Ans**
- ✗ 1. 21
  - ✗ 2. 85
  - ✗ 3. 31
  - ✓ 4. 51

Question ID : 75189713008  
Option 1 ID : 75189752030  
Option 2 ID : 75189752029  
Option 3 ID : 75189752031  
Option 4 ID : 75189752032  
Status : Answered  
Chosen Option : 4

**Q.72** Which of the following rules or laws correctly describe the direction of force, magnetic field and current at the same instant?

- Ans**
- ✗ 1. Ampere's circuital law
  - ✗ 2. Right hand thumb rule
  - ✗ 3. Palm rule
  - ✓ 4. Fleming's left hand rule

Question ID : 75189711366  
Option 1 ID : 75189745464  
Option 2 ID : 75189745462  
Option 3 ID : 75189745461  
Option 4 ID : 75189745463  
Status : Answered  
Chosen Option : 4

Q.73 किसी प्रिज्म पर श्वेत प्रकाश आपतित होने पर इसका वर्ण-विक्षेपण (dispersion) होता है। इस संदर्भ में, सही विकल्प का चयन कीजिए।

- (a) प्रिज्म में लाल रंग का प्रकाश सर्वाधिक मुड़ता है।
- (b) प्रिज्म में बैंगनी रंग के प्रकाश की चाल सबसे कम होती है।
- (c) बैंगनी रंग के प्रकाश का अपवर्तनांक सर्वाधिक होता है।
- (d) प्रिज्म को सीधा रखे जाने पर, बैंगनी रंग सबसे ऊपर होता है, और लाल रंग सबसे नीचे होता है।
- (e) इंद्रधनुष का बनना भी वर्ण-विक्षेपण (Dispersion) के कारण ही होता है।

Ans  1. (b), (d) और (e)

2. (b), (c) और (d)

3. (b), (c) और (e)

4. (a), (c) और (d)

Question ID : 75189714104

Option 1 ID : 75189756416

Option 2 ID : 75189756415

Option 3 ID : 75189756414

Option 4 ID : 75189756413

Status : Answered

Chosen Option : 3

Q.74 A certain sum under simple interest at a certain rate of interest per annum amounts to ₹1,200 in 2 years and to ₹1,500 in 3 years. The rate of interest per annum is:

Ans  1. 10%

2. 25%

3. 50%

4. 15%

Question ID : 75189713422

Option 1 ID : 75189753685

Option 2 ID : 75189753687

Option 3 ID : 75189753688

Option 4 ID : 75189753686

Status : Answered

Chosen Option : 1

**Q.75** In a certain alpha-numeric code, 'ACE' is written as 9 and 'FORT' is written as 59. How will 'CREAM' be written in the same code?

- Ans**
- 1. 49
  - 2. 69
  - 3. 40
  - 4. 55

Question ID : 75189714637

Option 1 ID : 75189758547

Option 2 ID : 75189758548

Option 3 ID : 75189758546

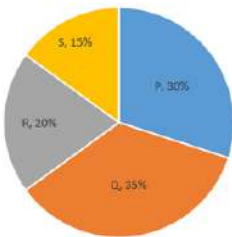
Option 4 ID : 75189758545

Status : Answered

Chosen Option : 3

**Q.76** Study the given pie-chart and answer the following question.

The given pie chart depicts the number of trousers purchased of four brands (P, Q, R and S). The total number of trousers purchased of the four brands together is 120.



Out of the total number of trousers purchased of brands Q and R, one-third were slim fit trousers. What is the total number of slim fit trousers purchased of brands Q and R?

- Ans**
- 1. 24
  - 2. 18
  - 3. 22
  - 4. 33

Question ID : 75189712735

Option 1 ID : 75189750938

Option 2 ID : 75189750937

Option 3 ID : 75189750939

Option 4 ID : 75189750940

Status : Answered

Chosen Option : 3

**Q.77** In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement:  $G < L < T > Y = V \geq P > X$

- Ans**
- 1.  $G < Y$
  - 2.  $G \leq T$
  - 3.  $P \leq Y$
  - 4.  $Y > L$

Question ID : 75189710811

Option 1 ID : 75189743243

Option 2 ID : 75189743241

Option 3 ID : 75189743244

Option 4 ID : 75189743242

Status : Answered

Chosen Option : 3

**Q.78** 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 chocolates are balls.

All balls are festivals.

Some festivals are tennis.

Conclusions:

(I) All chocolates are festivals.

(II) Some balls are tennis.

- Ans**
- 1. Only conclusion (I) follows.
  - 2. Only conclusion (II) follows.
  - 3. Both conclusion (I) and conclusion (II) follow.
  - 4. Both conclusion (I) and conclusion (II) do not follow.

Question ID : 75189714731

Option 1 ID : 75189758921

Option 2 ID : 75189758922

Option 3 ID : 75189758923

Option 4 ID : 75189758924

Status : Answered

Chosen Option : 3

Q.79 Which is one of the official languages of Andhra Pradesh?

- Ans
- 1. English
  - 2. Kokborok
  - 3. Telugu
  - 4. Banjara

Question ID : 75189712136  
Option 1 ID : 75189748542  
Option 2 ID : 75189748544  
Option 3 ID : 75189748543  
Option 4 ID : 75189748541  
Status : Answered  
Chosen Option : 3

Q.80 Which blood cells help in clotting of blood and stop bleeding?

- Ans
- 1. Platelets
  - 2. Both platelets and red blood cells
  - 3. Red blood cells
  - 4. White blood cells

Question ID : 7518974598  
Option 1 ID : 75189718391  
Option 2 ID : 75189718392  
Option 3 ID : 75189718389  
Option 4 ID : 75189718390  
Status : Answered  
Chosen Option : 1

Q.81 As per performance of the Indian states, which of the following states was in the 'Front Runner' category in the NITI Aayog SDG India Index 2020-21?

- Ans
- 1. West Bengal
  - 2. Madhya Pradesh
  - 3. Tripura
  - 4. Manipur

Question ID : 75189711096  
Option 1 ID : 75189744383  
Option 2 ID : 75189744384  
Option 3 ID : 75189744381  
Option 4 ID : 75189744382  
Status : Not Answered  
Chosen Option : --

**Q.82** Amit starts moving in the north direction from his initial position. Before reaching his final destination, he turns two times right and one time left and again one time right. In which direction is he moving now? (All turns are 90 degree turns only)

- Ans**
- 1. North
  - 2. South
  - 3. East
  - 4. West

Question ID : 75189713219  
 Option 1 ID : 75189752875  
 Option 2 ID : 75189752873  
 Option 3 ID : 75189752876  
 Option 4 ID : 75189752874  
 Status : Answered  
 Chosen Option : 2

**Q.83** वह महिला, जो बच्चे को जन्म देने वाली है (A Woman About To Give Birth), के लिए सर्वोत्तम विकल्प कौन सा है?

- Ans**
- 1. बच्चे को निकालने के लिए सर्जरी (सीजेरियन सेक्शन) कराना
  - 2. प्रसव में सहायता हेतु प्रशिक्षित नर्स की मदद लेना
  - 3. एक सुविधा-संपन्न अस्पताल में जन्म देना
  - 4. बच्चे के जन्म से एक सप्ताह पहले पर्याप्त आराम और पोषण प्राप्त करना

Question ID : 75189712288  
 Option 1 ID : 75189749149  
 Option 2 ID : 75189749150  
 Option 3 ID : 75189749152  
 Option 4 ID : 75189749151  
 Status : Answered  
 Chosen Option : 1

**Q.84** What is the highest common prime factor of 7140 and 13200?

- Ans**
- 1. 5
  - 2. 3
  - 3. 11
  - 4. 2

Question ID : 75189712921  
 Option 1 ID : 75189751683  
 Option 2 ID : 75189751682  
 Option 3 ID : 75189751684  
 Option 4 ID : 75189751681  
 Status : Answered  
 Chosen Option : 4



Q.85 The LCM of fractions is calculated as  $\frac{\text{LCM of the numerators}}{\text{HCF of the denominators}}$ . Find the LCM of  $\frac{5}{6}$ ,  $\frac{6}{5}$  and  $\frac{3}{2}$ .

- Ans
- 1. 25
  - 2. 30
  - 3. 15
  - 4. 20

Question ID : 75189712928  
Option 1 ID : 75189751711  
Option 2 ID : 75189751712  
Option 3 ID : 75189751709  
Option 4 ID : 75189751710  
Status : Answered  
Chosen Option : 2

Q.86 The festival 'BONALU' is celebrated in which of the following states in India?

- Ans
- 1. Kerala
  - 2. Tamil Nadu
  - 3. Karnataka
  - 4. Telangana

Question ID : 7518979381  
Option 1 ID : 75189737522  
Option 2 ID : 75189737524  
Option 3 ID : 75189737523  
Option 4 ID : 75189737521  
Status : Not Answered  
Chosen Option : --

Q.87 In a homologous series, which element is replaced by any functional group?

- Ans
- 1. Hydrogen
  - 2. Helium
  - 3. Sodium
  - 4. Sulphur

Question ID : 75189714754  
Option 1 ID : 75189759013  
Option 2 ID : 75189759016  
Option 3 ID : 75189759014  
Option 4 ID : 75189759015  
Status : Answered  
Chosen Option : 1

Q.88 In relation to consumer behavior, two indifference curves \_\_\_\_\_.

- Ans
- 1. intersect each other at 45 degrees.
  - 2. always intersect each other at right angles.
  - 3. intersect each other at 120 degrees.
  - 4. never intersect each other

Question ID : 7518978538  
Option 1 ID : 75189734150  
Option 2 ID : 75189734151  
Option 3 ID : 75189734152  
Option 4 ID : 75189734149  
Status : Not Answered  
Chosen Option : --

Q.89 Town C is west of town D. Town E is south of the mid-point of the line joining C and D. Town F is south-west of C such that F and E are along the same straight line. What is the position of E with respect to F?

- Ans
- 1. South
  - 2. West
  - 3. East
  - 4. North

Question ID : 75189714922  
Option 1 ID : 75189759688  
Option 2 ID : 75189759686  
Option 3 ID : 75189759685  
Option 4 ID : 75189759687  
Status : Answered  
Chosen Option : 3

Q.90 Ravi injured his knee while playing and it was bleeding. After some time, he noticed that the bleeding had stopped and a dark red clot had plugged the wound. Which type of cells help in blood clotting?

- Ans
- 1. Platelets
  - 2. Lymphocytes
  - 3. Eosinophils
  - 4. Red blood corpuscles

Question ID : 75189714824  
Option 1 ID : 75189759296  
Option 2 ID : 75189759294  
Option 3 ID : 75189759295  
Option 4 ID : 75189759293  
Status : Answered  
Chosen Option : 1

**Q.91** Six friends are sitting around a round table facing the centre with equal distances between two neighbours. Gaurav is sitting second to the left of Yashvi. Sana is sitting third to the left of Aaliya. Danish is sitting to the immediate left of Aaliya. Varnit is sitting third to the left of Yashvi. Gaurav is sitting to the immediate right of Varnit. Who is sitting to the immediate left of Sana?

- Ans**
- 1. Yashvi
  - 2. Varnit
  - 3. Gaurav
  - 4. Danish

Question ID : 75189714159  
Option 1 ID : 75189756634  
Option 2 ID : 75189756635  
Option 3 ID : 75189756636  
Option 4 ID : 75189756633  
Status : Answered  
Chosen Option : 3

**Q.92** Anaerobic respiration of glucose in the muscles produces \_\_\_\_\_.

- Ans**
- 1. lactic acid
  - 2. pyruvic acid
  - 3. acetoacetic acid
  - 4. citric acid

Question ID : 7518974385  
Option 1 ID : 75189717538  
Option 2 ID : 75189717537  
Option 3 ID : 75189717539  
Option 4 ID : 75189717540  
Status : Answered  
Chosen Option : 1

**Q.93** Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

P3WJ, R10TO, T24QT, V45NY, ?

- Ans**
- 1. X67KD
  - 2. X67KC
  - 3. X73LD
  - 4. X73KD

Question ID : 75189710823  
Option 1 ID : 75189743291  
Option 2 ID : 75189743289  
Option 3 ID : 75189743290  
Option 4 ID : 75189743292  
Status : Answered  
Chosen Option : 4

Q.94 Identify the following cell.



- Ans
- 1. Bone cell
  - 2. Muscle cell
  - 3. Nerve cell
  - 4. Kidney cell

Question ID : 75189710080  
Option 1 ID : 75189740317  
Option 2 ID : 75189740319  
Option 3 ID : 75189740318  
Option 4 ID : 75189740320  
Status : Not Answered  
Chosen Option : --

Q.95 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.

8 : 63 :: 11 : ? :: 13 : 168

- Ans
- 1. 119
  - 2. 121
  - 3. 120
  - 4. 118

Question ID : 75189713698  
Option 1 ID : 75189754792  
Option 2 ID : 75189754789  
Option 3 ID : 75189754790  
Option 4 ID : 75189754791  
Status : Answered  
Chosen Option : 3

**Q.96** If '+' means '-', '-' means '+', '\*' means '+', '+' means '\*', '\*' means '+', what will come in place of the question mark (?) in the following equation?

$$78 \times 3 - 2 + 6 + 4 = ?$$

- Ans**
- 1. 91
  - 2. 45
  - 3. 83
  - 4. 72

Question ID : 75189714145  
Option 1 ID : 75189756579  
Option 2 ID : 75189756578  
Option 3 ID : 75189756580  
Option 4 ID : 75189756577  
Status : Answered  
Chosen Option : 3

**Q.97** In the word 'WEBSITE', if each vowel is replaced with the immediate next letter and each consonant is replaced with the immediate previous letter as per the English alphabetical order, then how many vowels will be there in the word so formed?

- Ans**
- 1. None
  - 2. Three
  - 3. Two
  - 4. One

Question ID : 75189713561  
Option 1 ID : 75189754244  
Option 2 ID : 75189754243  
Option 3 ID : 75189754242  
Option 4 ID : 75189754241  
Status : Answered  
Chosen Option : 4

**Q.98** If  $x + y = 5$  and  $xy = 4$ , find the value of  $x^3 + y^3$ .

- Ans**
- 1. 125
  - 2. 65
  - 3. 185
  - 4. 60

Question ID : 75189713355  
Option 1 ID : 75189753417  
Option 2 ID : 75189753419  
Option 3 ID : 75189753418  
Option 4 ID : 75189753420  
Status : Answered  
Chosen Option : 2

Q.99 Find the surface area of a sphere having a radius of 9 cm. [Use  $\pi = \frac{22}{7}$ ]

- Ans
- 1.  $1013\frac{5}{7} \text{ cm}^2$
  - 2.  $1018\frac{2}{7} \text{ cm}^2$
  - 3.  $1020\frac{4}{7} \text{ cm}^2$
  - 4.  $1010\frac{6}{7} \text{ cm}^2$

Question ID : 75189712861  
Option 1 ID : 75189751443  
Option 2 ID : 75189751442  
Option 3 ID : 75189751441  
Option 4 ID : 75189751444  
Status : Answered  
Chosen Option : 2

Q.100 Under the Constitutional Article 243 (C), who decides on the composition of the Panchayat?

- Ans
- 1. Legislature of State
  - 2. Council of States
  - 3. Lok Sabha
  - 4. State Assembly

Question ID : 75189714076  
Option 1 ID : 75189756303  
Option 2 ID : 75189756304  
Option 3 ID : 75189756302  
Option 4 ID : 75189756301  
Status : Not Answered  
Chosen Option : --