



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	Shri S N Technologies
Test Date	01/09/2022
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.

- 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 The shaggy horn wild ibex is found in \_\_\_\_\_ in India.

- Ans
- 1. Thorn Forests
  - 2. Tropical Deciduous Forest
  - 3. Montane forests
  - 4. Mangrove Forests

Question ID : 7518977546

Option 1 ID : 75189730184

Option 2 ID : 75189730181

Option 3 ID : 75189730182

Option 4 ID : 75189730183

Status : Not Attempted and  
Marked For Review

Chosen Option : --

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Q.2 Identify the basic requirements that led scientists towards the classification of elements.

- (i) Identification of some pattern in different properties of elements
- (ii) Rearrangement of elements on the basis of their synthesis
- (iii) To get overall idea of the colour of different elements

- Ans
- 1. (ii) and (iii)
  - 2. (i), (ii) and (iii)
  - 3. (i) and (iii)
  - 4. only (i)

Question ID : 7518973695

Option 1 ID : 75189714779

Option 2 ID : 75189714780

Option 3 ID : 75189714778

Option 4 ID : 75189714777

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

Q.3 The following question is based on the given seven, 3-digit numbers.

(Left) 621, 443, 227, 316, 625, 118, 231 (Right)

(For example, 456: 6 = digit in unit's place, 5 = digit in ten's place, 4 = digit in hundred's place)

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

If 5 is added to the digit in ten's place of each number and 1 is subtracted from the digit in unit's place of each number, which digit will be repeated the greatest number of times in the transformed number series thus formed?

- Ans
- 1. 7
  - 2. 2
  - 3. 6
  - 4. 4

Question ID : 7518974818

Option 1 ID : 75189719271

Option 2 ID : 75189719272

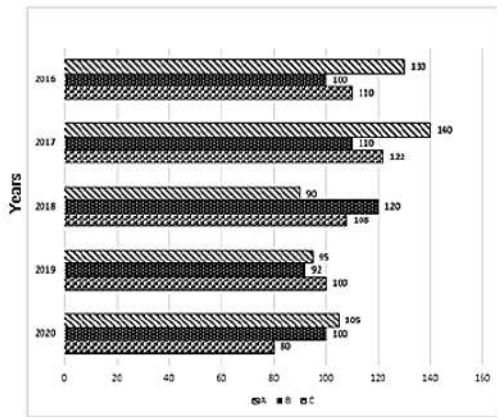
Option 3 ID : 75189719270

Option 4 ID : 75189719269

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

**Q.4** The given bar graph shows the data of the number of students who were called for an interview by a company 'XYZ' from three different institutes A, B and C over the years. Study the bar graph and answer the question.



What is the ratio of the average number of students called for an interview from institute C in the period 2018 to 2020 to the average number of students called for an interview from institute B in the same period?

- Ans**
- ✓ 1. 12 : 13
  - ✗ 2. 14 : 15
  - ✗ 3. 1 : 3
  - ✗ 4. 13 : 12

Question ID : **7518977773**  
 Option 1 ID : **75189731091**  
 Option 2 ID : **75189731089**  
 Option 3 ID : **75189731092**  
 Option 4 ID : **75189731090**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.5** Rani stitches a gown in 3 hours while Padma stitches an identical gown in 2 hours. Each of them works for 6 hours per day. If they have a bulk order of 52 such gowns to stitch, in how many days will they complete the task if they work on alternate days, starting with Rani?

- Ans**
- ✗ 1. 11 days
  - ✓ 2. 21 days
  - ✗ 3. 20 days
  - ✗ 4. 10 days

Question ID : **7518975884**  
 Option 1 ID : **75189723534**  
 Option 2 ID : **75189723536**  
 Option 3 ID : **75189723535**  
 Option 4 ID : **75189723533**  
 Status : **Answered**  
 Chosen Option : **1**

Q.6 Which committee recommended that Fundamental Duties be included in the Constitution of India?

- Ans
- 1. JB Kripalani Committee
  - 2. Swaran Singh Committee
  - 3. AV Thakkar Committee
  - 4. HC Mookherjee Committee

Question ID : 7518977271  
Option 1 ID : 75189729082  
Option 2 ID : 75189729081  
Option 3 ID : 75189729083  
Option 4 ID : 75189729084  
Status : Answered  
Chosen Option : 2

Q.7 Coal and petroleum have their own advantages and disadvantages. Three of the statements regarding coal and petroleum are similar. Choose the one that is dissimilar.

- Ans
- 1. When burnt in insufficient  $O_2$  produce carbon monoxide, which is a poisonous gas
  - 2. When burnt produce  $CO_2$ , which causes global warming
  - 3. When burnt produce oxides of N and S that are poisonous and cause acid rain
  - 4. Used to generate electricity in thermal plants and are cost effective

Question ID : 7518974692  
Option 1 ID : 75189718766  
Option 2 ID : 75189718768  
Option 3 ID : 75189718765  
Option 4 ID : 75189718767  
Status : Answered  
Chosen Option : 3

Q.8 If 28 March 2017 was a Tuesday, then what day of the week was 12 February 2017?

- Ans
- 1. Friday
  - 2. Thursday
  - 3. Saturday
  - 4. Sunday

Question ID : 7518976392  
Option 1 ID : 75189725568  
Option 2 ID : 75189725566  
Option 3 ID : 75189725567  
Option 4 ID : 75189725565  
Status : Answered  
Chosen Option : 4

Q.9 Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

I \_ L O \_ R U V X \_ B \_ G

- Ans
- 1. JRAD
  - 2. JPYD
  - 3. JPAG
  - 4. JPAD

Question ID : 7518977649

Option 1 ID : 75189730593

Option 2 ID : 75189730595

Option 3 ID : 75189730596

Option 4 ID : 75189730594

Status : Answered

Chosen Option : 4

Q.10 According to mirror formula, the focal length of a spherical mirror is equal to:

- Ans
- 1.  $\frac{u-v}{uv}$
  - 2.  $\frac{uv}{u-v}$
  - 3.  $\frac{u+v}{uv}$
  - 4.  $\frac{uv}{u+v}$

Question ID : 7518975382

Option 1 ID : 75189721527

Option 2 ID : 75189721528

Option 3 ID : 75189721525

Option 4 ID : 75189721526

Status : Answered

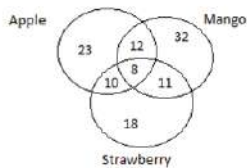
Chosen Option : 4

**Q.11** Red colour is scattered the \_\_\_\_\_ by fog or smoke because its wavelength is \_\_\_\_\_ than the wavelength of other colour components of white light.

- Ans**
- 1. least, less
  - 2. most, less
  - 3. least, more
  - 4. most, more

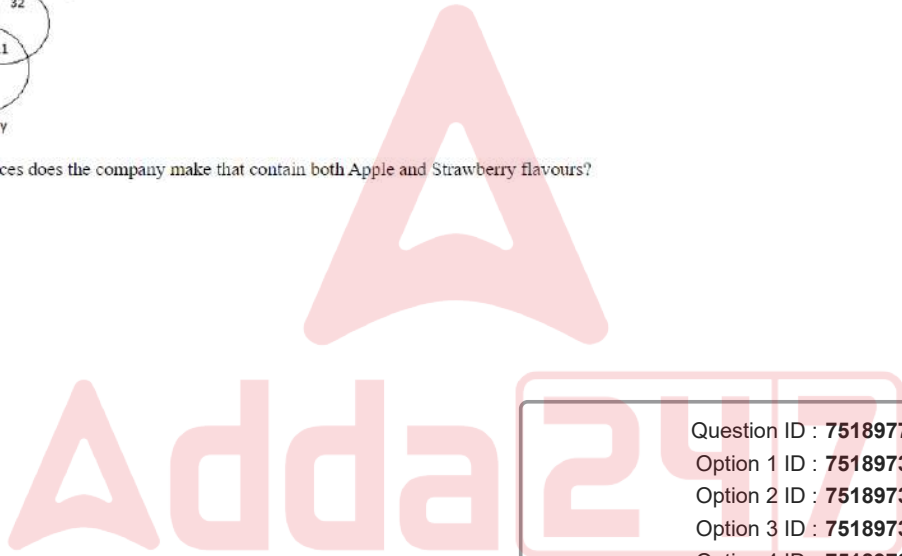
Question ID : 7518976654  
 Option 1 ID : 75189726616  
 Option 2 ID : 75189726613  
 Option 3 ID : 75189726615  
 Option 4 ID : 75189726614  
 Status : Answered  
 Chosen Option : 3

**Q.12** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of different types of juices containing different fruit flavours which are manufactured by a juice company.



How many types of juices does the company make that contain both Apple and Strawberry flavours?

- Ans**
- 1. 41
  - 2. 10
  - 3. 18
  - 4. 8



Question ID : 7518977618  
 Option 1 ID : 75189730469  
 Option 2 ID : 75189730471  
 Option 3 ID : 75189730472  
 Option 4 ID : 75189730470  
 Status : Answered  
 Chosen Option : 2

Q.13 Mahindra & Mahindra Financial Services Limited is an Indian rural non-banking financial company headquartered in

- Ans
- 1. Kerala
  - 2. Mumbai
  - 3. Goa
  - 4. Lucknow

Question ID : 7518974049

Option 1 ID : 75189716196

Option 2 ID : 75189716193

Option 3 ID : 75189716195

Option 4 ID : 75189716194

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

Q.14 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.

49 : 13 :: 56 : 11 :: 39 : ?

- Ans
- 1. 15
  - 2. 14
  - 3. 12
  - 4. 16

Question ID : 7518977732

Option 1 ID : 75189730927

Option 2 ID : 75189730925

Option 3 ID : 75189730926

Option 4 ID : 75189730928

Status : **Answered**

Chosen Option : 3

Q.15 Which of the following quadratic equations satisfies that the roots are 3 and -2?

- Ans
- 1.  $x^2 - x + 6 = 0$
  - 2.  $x^2 + x - 6 = 0$
  - 3.  $x^2 - x - 6 = 0$
  - 4.  $x^2 + x + 6 = 0$

Question ID : 7518976165

Option 1 ID : 75189724657

Option 2 ID : 75189724658

Option 3 ID : 75189724660

Option 4 ID : 75189724659

Status : **Answered**

Chosen Option : 3



Q.16 Which of the following interchanges of numbers would make the given equation correct?

$$25 \div 5 \times 2 + 25 - 11 = 24$$

- Ans
- 1. 24, 25
  - 2. 11, 24
  - 3. 2, 5
  - 4. 5, 25

Question ID : 7518977761  
 Option 1 ID : 75189731041  
 Option 2 ID : 75189731043  
 Option 3 ID : 75189731044  
 Option 4 ID : 75189731042  
 Status : Answered

Chosen Option : 2

Q.17 If 'A' means ( $\times$ ), 'B' means ( $+$ ), 'C' means ( $-$ ), and 'D' means ( $\div$ ), then what will be the value of the following expression?

(102 D 17) B (5 A 3)

- Ans
- 1. 21
  - 2. 25
  - 3. 17
  - 4. 20

Question ID : 7518977758  
 Option 1 ID : 75189731031  
 Option 2 ID : 75189731032  
 Option 3 ID : 75189731029  
 Option 4 ID : 75189731030  
 Status : Answered

Chosen Option : 1

Q.18 Which formula is used for the calculation of Ex Ante Aggregate Demand?

- Ans
- 1.  $\bar{C} + \bar{I} - cY$
  - 2.  $\bar{C} + cY$
  - 3.  $cY - \bar{C} + \bar{I}$
  - 4.  $\bar{C} + \bar{I} + cY$

Question ID : 7518977225  
 Option 1 ID : 75189728899  
 Option 2 ID : 75189728898  
 Option 3 ID : 75189728900  
 Option 4 ID : 75189728897

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.19** If John travels a distance of 90 km at a speed of 30 km/h and returns at a speed of 60 km/h, his average speed is:

- Ans**
- 1. 60 km/h
  - 2. 40 km/h
  - 3. 45 km/h
  - 4. 30 km/h

Question ID : 7518975893  
Option 1 ID : 75189723572  
Option 2 ID : 75189723570  
Option 3 ID : 75189723571  
Option 4 ID : 75189723569  
Status : Answered  
Chosen Option : 2

**Q.20** Which of the following interchanges of signs would make the given equation correct?

$$3 - 6 \div 9 + 6 \times 2 = 6$$

- Ans**
- 1.  $\div$  and  $\times$
  - 2.  $+$  and  $\times$
  - 3.  $\div$  and  $+$
  - 4.  $-$  and  $\times$

Question ID : 7518977765  
Option 1 ID : 75189731060  
Option 2 ID : 75189731057  
Option 3 ID : 75189731058  
Option 4 ID : 75189731059  
Status : Answered  
Chosen Option : 4

**Q.21** Six houses, K, L, M, N, O and P, are located in the same colony. P is 400 m to the west of K. M is 200 m to the east of L. O is 300 m to the north of K. N is 150 m to the south of L. L is 250 m to the south of K. What is the straight distance between O and N?

- Ans**
- 1. 350 m
  - 2. 400 m
  - 3. 700 m
  - 4. 600 m

Question ID : 7518975264  
Option 1 ID : 75189721055  
Option 2 ID : 75189721056  
Option 3 ID : 75189721054  
Option 4 ID : 75189721053  
Status : Answered  
Chosen Option : 3

Q.22 Find the LCM of 24, 42 and 56.

- Ans
- 1. 816
  - 2. 618
  - 3. 168
  - 4. 186

Question ID : 7518975821  
 Option 1 ID : 75189723284  
 Option 2 ID : 75189723281  
 Option 3 ID : 75189723283  
 Option 4 ID : 75189723282  
 Status : Answered  
 Chosen Option : 3

Q.23 Simplify  $\frac{5^3 \times 27 \times 10^3}{5^6 \times 3^2 \times 4}$

- Ans
- 1.  $\frac{3}{2}$
  - 2.  $\frac{1}{2}$
  - 3. 8
  - 4. 6

Question ID : 7518975554  
 Option 1 ID : 75189722214  
 Option 2 ID : 75189722215  
 Option 3 ID : 75189722213  
 Option 4 ID : 75189722216  
 Status : Answered  
 Chosen Option : 4

Q.24 Study the given letter series and answer the question that follows.

LEAPKXOZAEYWUDOADSLYRKEVUL

How many consonants are immediately preceded and immediately followed by a vowel, and which consonant is repeated the most number of times in the series?

- Ans
- 1. 3, D respectively
  - 2. 2, K respectively
  - 3. 3, L respectively
  - 4. 2, Y respectively

Question ID : 7518974802  
 Option 1 ID : 75189719205  
 Option 2 ID : 75189719206  
 Option 3 ID : 75189719207  
 Option 4 ID : 75189719208  
 Status : Answered  
 Chosen Option : 3

**Q.25** GMT 3 is related to IPY 30 in a certain way. In the same way, EXP 5 is related to GAU 130. To which of the following is TXN 4 related following the same logic?

- Ans**
- 1. VAT 68
  - 2. VAS 68
  - 3. VAT 70
  - 4. VAU 68

Question ID : 7518977704  
Option 1 ID : 75189730816  
Option 2 ID : 75189730815  
Option 3 ID : 75189730814  
Option 4 ID : 75189730813  
Status : Answered  
Chosen Option : 2

**Q.26** Which enzyme requires the presence of hydrochloric acid for its action in the process of digestion?

- Ans**
- 1. Lipase
  - 2. Trypsin
  - 3. Pepsin
  - 4. Amylase

Question ID : 7518974574  
Option 1 ID : 75189718293  
Option 2 ID : 75189718294  
Option 3 ID : 75189718295  
Option 4 ID : 75189718296  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

**Q.27** The sum of the ages of Sarala and Kishore is 26 years. If 3 years ago, Kishore was  $\frac{3}{2}$  times as old as the Sarala, then the present age of the Sarala is:

- Ans**
- 1. 11 years
  - 2. 9 years
  - 3. 10 years
  - 4. 12 years

Question ID : 7518975721  
Option 1 ID : 75189722883  
Option 2 ID : 75189722881  
Option 3 ID : 75189722882  
Option 4 ID : 75189722884  
Status : Answered  
Chosen Option : 1

Q.28 The roots of  $(x - 5)^2 = 5x + 11$  are \_\_\_\_\_

- Ans
- 1. 1 and 14
  - 2. 5 and 7
  - 3. 2 and -13
  - 4. 3 and 12

Question ID : 7518975732  
Option 1 ID : 75189722927  
Option 2 ID : 75189722926  
Option 3 ID : 75189722928  
Option 4 ID : 75189722925  
Status : Answered  
Chosen Option : 1

Q.29 A bulb filament is made of a \_\_\_\_\_ metal with \_\_\_\_\_ melting point.

- Ans
- 1. weak, low
  - 2. weak, high
  - 3. strong, low
  - 4. strong, high

Question ID : 7518976701  
Option 1 ID : 75189726801  
Option 2 ID : 75189726802  
Option 3 ID : 75189726803  
Option 4 ID : 75189726804  
Status : Answered  
Chosen Option : 2

Q.30 Simplify:  $3(9x^3 - 6x^2 + 30) - 9(3x^3 - 2x + 30)$ .

- Ans
- 1.  $18(x^2 + x + 10)$
  - 2.  $18(x^2 + x - 10)$
  - 3.  $-18(x^2 - x + 10)$
  - 4.  $18(x^2 + x - 18)$

Question ID : 7518975915  
Option 1 ID : 75189723657  
Option 2 ID : 75189723659  
Option 3 ID : 75189723660  
Option 4 ID : 75189723658  
Status : Answered  
Chosen Option : 3

**Q.31** If the diameter and the height of a cylinder are 12 cm and 10.5 cm, respectively, then using  $\pi = \frac{22}{7}$ , find the volume of the cylinder.

- Ans**
- 1.  $1313 \text{ cm}^3$
  - 2.  $1188 \text{ cm}^3$
  - 3.  $1281 \text{ cm}^3$
  - 4.  $1288 \text{ cm}^3$

Question ID : 7518976365  
Option 1 ID : 75189725458  
Option 2 ID : 75189725460  
Option 3 ID : 75189725457  
Option 4 ID : 75189725459  
Status : Answered  
Chosen Option : 2

**Q.32** Anthurium Festival is celebrated to promote farmers, flowers and horticulture in \_\_\_\_\_.

- Ans**
- 1. Nagaland
  - 2. Assam
  - 3. Mizoram
  - 4. Arunachal Pradesh

Question ID : 7518977474  
Option 1 ID : 75189729895  
Option 2 ID : 75189729893  
Option 3 ID : 75189729894  
Option 4 ID : 75189729896  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

**Q.33** Seven times a number reduced by 14 is equal to the sum of 5 times the number and 6. Find the number.

- Ans**
- 1. 10
  - 2. 20
  - 3. 5
  - 4. 15

Question ID : 7518976134  
Option 1 ID : 75189724534  
Option 2 ID : 75189724533  
Option 3 ID : 75189724536  
Option 4 ID : 75189724535  
Status : Answered  
Chosen Option : 1

Q.34 Find the value of  $x$ , if  $6^{x+4} = 6^7$ .

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

Question ID : 7518975796  
Option 1 ID : 75189723182  
Option 2 ID : 75189723181  
Option 3 ID : 75189723183  
Option 4 ID : 75189723184  
Status : Answered  
Chosen Option : 1

Q.35 Arun borrowed a sum of ₹9,000 from Jayanthi at 10% rate of compound interest per annum, compounded annually. Find the total amount paid by Arun after 2 years to clear all dues.

- Ans
- 1. ₹10,089
  - 2. ₹10,890
  - 3. ₹10,098
  - 4. ₹10,980

Question ID : 7518975850  
Option 1 ID : 75189723399  
Option 2 ID : 75189723397  
Option 3 ID : 75189723400  
Option 4 ID : 75189723398  
Status : Answered  
Chosen Option : 2

Q.36 Which among the following is NOT a use of sodium hydroxide?

- (i) Used in making soaps and detergents.
- (ii) Used in the manufacture of paper.
- (iii) Used for removing permanent hardness of water.

- Ans
- 1. Both ii and iii
  - 2. Only i
  - 3. Only iii
  - 4. Only ii

Question ID : 7518973647  
Option 1 ID : 75189714588  
Option 2 ID : 75189714585  
Option 3 ID : 75189714587  
Option 4 ID : 75189714586  
Status : Answered  
Chosen Option : 3

Q.37 A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Use of re-usable cloth bags for shopping will help in reducing pollution caused by indiscriminate use of plastic bags.

**Arguments:**

- I. The government has banned the use of single-use plastic from 1 July 2022.
- II. Cloth bags are eco-friendly since they are re-usable and can be made from scrap fabric that would otherwise go to landfills.

- Ans
- 1. Argument I weakens, while argument II strengthens the statement
  - 2. Argument II weakens, while argument I strengthens the statement
  - 3. Both arguments I and II strengthen the statement
  - 4. Both arguments I and II weaken the statement

Question ID : 7518976400  
Option 1 ID : 75189725597  
Option 2 ID : 75189725598  
Option 3 ID : 75189725600  
Option 4 ID : 75189725599  
Status : Answered  
Chosen Option : 1



**Q.38** A, B, C, D, E, F and G were seven kings, sitting around a circular table, facing the centre. They were equidistant to one another. Only E was sitting between F and C. A was third to the left of G. Only D was sitting between A and B. G was sitting to the immediate left of C. Which king was sitting to the immediate left of G?

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

Question ID : 7518977574  
Option 1 ID : 75189730296  
Option 2 ID : 75189730293  
Option 3 ID : 75189730294  
Option 4 ID : 75189730295  
Status : Answered  
Chosen Option : 3

**Q.39** Poa Mecca situated on top of Garurachal Hill in the state of \_\_\_\_\_.

- Ans**
- 1. Gujarat
  - 2. Assam
  - 3. Himachal Pradesh
  - 4. Kerala

Question ID : 7518977203  
Option 1 ID : 75189728812  
Option 2 ID : 75189728811  
Option 3 ID : 75189728809  
Option 4 ID : 75189728810  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

**Q.40** Which branch of Physical Geography studies the earth's form and structure?

- Ans**
- 1. Biogeography
  - 2. Climatology
  - 3. Hydrology
  - 4. Geomorphology

Question ID : 7518977245  
Option 1 ID : 75189728978  
Option 2 ID : 75189728977  
Option 3 ID : 75189728980  
Option 4 ID : 75189728979  
Status : Answered  
Chosen Option : 4

**Q.41** What is the process of transport of soluble products of photosynthesis and other materials from the leaves to other tissues of the plant called?

- Ans**
- 1. Transpiration
  - 2. Tropic movement
  - 3. Guttation
  - 4. Translocation

Question ID : **7518974542**  
Option 1 ID : **75189718168**  
Option 2 ID : **75189718165**  
Option 3 ID : **75189718167**  
Option 4 ID : **75189718166**  
Status : **Answered**  
Chosen Option : **4**

**Q.42** India's first Christian missionary organisation, Serampore Mission, was founded by \_\_\_\_\_.

- Ans**
- 1. Matteo Ricci
  - 2. William Carey
  - 3. Hudson Taylor
  - 4. Mother Teresa

Question ID : **7518977462**  
Option 1 ID : **75189729848**  
Option 2 ID : **75189729845**  
Option 3 ID : **75189729847**  
Option 4 ID : **75189729846**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

**Q.43** Consider the following statements about magnetic field due to a current-carrying solenoid:

- (a) The magnetic field inside the solenoid is in the form of parallel straight lines.
- (b) The strong magnetic field produced inside the solenoid can be used to magnetise a piece of a magnetic material.

Which of the above statements is/are correct?

- Ans**
- 1. Only (a)
  - 2. Both (a) and (b)
  - 3. Only (b)
  - 4. Neither (a) nor (b)

Question ID : **7518976734**  
Option 1 ID : **75189726933**  
Option 2 ID : **75189726936**  
Option 3 ID : **75189726934**  
Option 4 ID : **75189726935**  
Status : **Answered**  
Chosen Option : **2**

**Q.44** What specialisations are found in the germ cells of sexually reproducing animals with complex body designs?

**Ans**  1.

Male germ cell - large with food store, Female - small and motile

2.

Male germ cell - small with food store, Female - large and motile

3.

Male germ cell - small and motile, Female - large with food store

4.

Male germ cell - large and motile, Female - small with food store

Question ID : 7518974619

Option 1 ID : 75189718475

Option 2 ID : 75189718474

Option 3 ID : 75189718473

Option 4 ID : 75189718476

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.45** Refer to the following letter, number, symbol series and answer the question.

(Left) W # 2 ∞ D @ 4 Y 3 D Ω R 7 & S F @ 6 ^ < X 2 2 (Right)

How many such symbols are there each of which is immediately preceded by a letter and immediately followed by a number?

**Ans**  1. 4

2. 1

3. 2

4. 3

Question ID : 7518977659

Option 1 ID : 75189730636

Option 2 ID : 75189730633

Option 3 ID : 75189730634

Option 4 ID : 75189730635

Status : **Answered**

Chosen Option : 4

**Q.46** Eight classmates D, E, F, G, H, I, J and K are sitting in a straight row, facing north. J is at the extreme right end of the row. D and I are immediate neighbours. There are only two classmates sitting between H and D. Only E sits between I and G. K sits to the immediate left of D. Who sits at the second position from the left end of the row?

**Ans**  1. H

2. K

3. D

4. F

Question ID : 7518977584

Option 1 ID : 75189730336

Option 2 ID : 75189730334

Option 3 ID : 75189730333

Option 4 ID : 75189730335

Status : **Answered**

Chosen Option : 4

**Q.47** The Balwant Rai Mehta Committee recommended in 1957 for the establishment of a \_\_\_\_\_ Panchayati Raj System in India.

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

Question ID : 7518977569  
Option 1 ID : 75189730276  
Option 2 ID : 75189730274  
Option 3 ID : 75189730273  
Option 4 ID : 75189730275  
Status : Answered  
Chosen Option : 4

**Q.48** 8 men and 6 women can complete a piece of work in 5 days while 6 men and 8 women can also complete the same work in 5 days. In how many days will 7 men and 7 women complete the same work?

- Ans**
- 1. 3 days
  - 2. 6 days
  - 3. 2 days
  - 4. 5 days

Question ID : 7518975879  
Option 1 ID : 75189723514  
Option 2 ID : 75189723515  
Option 3 ID : 75189723513  
Option 4 ID : 75189723516  
Status : Answered  
Chosen Option : 4

**Q.49** In this question, a group of letters is coded using numbers as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Letter	B	L	M	H	Y	O	C	E	N
Code	4	6	8	0	1	3	5	7	9

Conditions:

- (i) If the first element is a vowel and the last, a consonant, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is a consonant and the last, a vowel, the first and last elements are to be coded as 2.
- (iii) If both the second and the fourth elements are vowels, the fourth element is to be coded as the code for the third element and vice-versa.

Question: LEMON

- Ans
- 1. 23872
  - 2. 63879
  - 3. 67839
  - 4. 97836

Question ID : **7518977360**  
 Option 1 ID : **75189729439**  
 Option 2 ID : **75189729440**  
 Option 3 ID : **75189729438**  
 Option 4 ID : **75189729437**  
 Status : **Not Attempted and Marked For Review**  
 Chosen Option : --

**Q.50** Which of the following disciplines attempts to explain the concept of 'temporal synthesis'?

- Ans
- 1. Geomorphology
  - 2. Anthropology
  - 3. History
  - 4. Philosophy

Question ID : **7518977249**  
 Option 1 ID : **75189728996**  
 Option 2 ID : **75189728995**  
 Option 3 ID : **75189728993**  
 Option 4 ID : **75189728994**  
 Status : **Not Attempted and Marked For Review**  
 Chosen Option : --

**Q.51** Two resistors, A of  $8\ \Omega$  and B of  $12\ \Omega$ , are connected in series with a battery of  $6\ \text{V}$ . If  $V_1$  and  $V_2$  are the potential drops across A and B and  $I_1$  and  $I_2$  are the currents through them, respectively, then  $(V_1/V_2)$  and  $(I_1/I_2)$  are respectively

- Ans**
- 1.  $(\frac{3}{2})$  and  $(\frac{2}{3})$
  - 2.  $(\frac{2}{3})$  and  $(\frac{3}{2})$
  - 3.  $(\frac{2}{3})$  and 1
  - 4.  $(\frac{3}{2})$  and 1

Question ID : 7518976691

Option 1 ID : 75189726763

Option 2 ID : 75189726761

Option 3 ID : 75189726762

Option 4 ID : 75189726764

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.52** The catenation property shown by carbon refers to which of the following properties?

- Ans**
- 1. Self-combining capacity to form a long chain of atoms
  - 2. Property of carbon to give combustive nature to its compounds
  - 3. Self-degeneration property
  - 4. Property of occurring as different allotropes

Question ID : 7518973378

Option 1 ID : 75189713511

Option 2 ID : 75189713512

Option 3 ID : 75189713509

Option 4 ID : 75189713510

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.53 Which of the following numbers will replace the question mark (?) in the given series?

3, 4, 10, 33, 136, ?

- Ans
- 1. 684
  - 2. 700
  - 3. 688
  - 4. 685

Question ID : 7518977718  
Option 1 ID : 75189730869  
Option 2 ID : 75189730872  
Option 3 ID : 75189730871  
Option 4 ID : 75189730870  
Status : Answered  
Chosen Option : 4

Q.54 A converging lens having focal length 50 cm is kept in contact with a diverging lens having focal length 20 cm. The power of combination of the two lenses is:

- Ans
- 1. 8 D
  - 2. -8 D
  - 3. +3 D
  - 4. -3 D

Question ID : 7518975421  
Option 1 ID : 75189721683  
Option 2 ID : 75189721684  
Option 3 ID : 75189721682  
Option 4 ID : 75189721681  
Status : Answered  
Chosen Option : 4

Q.55 The value of

$$\left(-\frac{5}{3}\right) \times \left(\frac{9}{25}\right) + \left(\frac{1}{5} - 2\right) =$$

Ans

- 1.  $-\frac{4}{5}$
- 2.  $-\frac{12}{5}$
- 3. 0
- 4.  $\frac{9}{5}$

Question ID : 7518975569  
Option 1 ID : 75189722275  
Option 2 ID : 75189722273  
Option 3 ID : 75189722276  
Option 4 ID : 75189722274

Status : Answered

Chosen Option : 2

Q.56 An optical device X has a focal length of  $-30$  cm. X can be:

Ans

- 1. either a convex lens or a convex mirror
- 2. either a concave lens or a concave mirror
- 3. either a convex lens or a concave mirror
- 4. either concave lens or a convex mirror

Question ID : 7518975378  
Option 1 ID : 75189721510  
Option 2 ID : 75189721509  
Option 3 ID : 75189721511  
Option 4 ID : 75189721512

Status : Answered

Chosen Option : 3



**Q.57** In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement:  $C = U < F \leq H > G = I > R$

Conclusions:

I.  $H > R$

II.  $H > C$

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

Question ID : 7518974961  
Option 1 ID : 75189719842  
Option 2 ID : 75189719843  
Option 3 ID : 75189719841  
Option 4 ID : 75189719844  
Status : Answered  
Chosen Option : 4

**Q.58** Two numbers are in the ratio 5 : 8. If the first number increases by 40% and second number decreases by 15%, the new ratio becomes \_\_\_\_\_

- Ans**
- 1. 37 : 39
  - 2. 35 : 34
  - 3. 23 : 26
  - 4. 12 : 17

Question ID : 7518975602  
Option 1 ID : 75189722406  
Option 2 ID : 75189722408  
Option 3 ID : 75189722407  
Option 4 ID : 75189722405  
Status : Answered  
Chosen Option : 2

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

12, 14, 20, 34, 60, ?

- Ans**
- 1. 100
  - 2. 108
  - 3. 104
  - 4. 102

Question ID : 7518977716  
Option 1 ID : 75189730861  
Option 2 ID : 75189730864  
Option 3 ID : 75189730862  
Option 4 ID : 75189730863  
Status : Answered  
Chosen Option : 4

Q.60 Which player holds the record for most runs (6411) in Indian Premier League (IPL) (as of July 2022)?

- Ans
- 1. Rohit Sharma
  - 2. Suresh Raina
  - 3. Shikhar Dhawan
  - 4. Virat Kohli

Question ID : 7518976467  
Option 1 ID : 75189725865  
Option 2 ID : 75189725868  
Option 3 ID : 75189725867  
Option 4 ID : 75189725866  
Status : Answered  
Chosen Option : 3

Q.61 In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$$B > Y \leq Z = A < X > O$$

**Conclusions:**

- 1.  $B > X$
- 2.  $Y < O$
- 3.  $Y < X$
- 4.  $A > O$

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

Question ID : 7518977327  
Option 1 ID : 75189729308  
Option 2 ID : 75189729306  
Option 3 ID : 75189729307  
Option 4 ID : 75189729305  
Status : Not Answered  
Chosen Option : --

Q.62 Which of the following statements is TRUE?

Ans  1. Plastic bags should be used to keep food.

2.

We should not place waste in plastic bags and discard them.

3.

After use, we should dispose of plastic bags by burning them.

4. Shopkeepers are required to use plastic bags by law.

Question ID : 7518974474

Option 1 ID : 75189717893

Option 2 ID : 75189717896

Option 3 ID : 75189717895

Option 4 ID : 75189717894

Status : Answered

Chosen Option : 2

Q.63 In March 2022, Union Cabinet of India approved the establishment of the World Health Organization Global Centre for Traditional Medicine (WHO GCTM) in Jamnagar, Gujarat. Under which ministry will this centre be set up?

Ans  1. Ministry of Women and Child Development

2. Ministry of Cooperation

3. Ministry of Health and Family Welfare

4. Ministry of AYUSH

Question ID : 7518973971

Option 1 ID : 75189715883

Option 2 ID : 75189715882

Option 3 ID : 75189715881

Option 4 ID : 75189715884

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.64 Find the capacity of a spherical container of thickness 2 cm and external radius 9 cm. (Rounded off to 2 decimal places.)

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

Ans  1. 1050.67 cm<sup>3</sup>

2. 1590.48 cm<sup>3</sup>

3. 1437.33 cm<sup>3</sup>

4. 1241.14 cm<sup>3</sup>

Question ID : 7518976184

Option 1 ID : 75189724734

Option 2 ID : 75189724733

Option 3 ID : 75189724736

Option 4 ID : 75189724735

Status : Answered

Chosen Option : 3

**Q.65** Which of the following devices is NOT based on the concept of force on a current-carrying conductor in a magnetic field?

Loudspeaker, Voltmeter, Ammeter, Electric fuse

- Ans**
- ✓ 1. Electric fuse
  - ✗ 2. Loudspeaker
  - ✗ 3. Ammeter
  - ✗ 4. Voltmeter

Question ID : 7518976740

Option 1 ID : 75189726960

Option 2 ID : 75189726957

Option 3 ID : 75189726959

Option 4 ID : 75189726958

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.66** Which of the following ministries released the draft National Air Sports Policy, 2022, in the January 2022?

- Ans**
- ✗ 1. Ministry of Culture
  - ✗ 2. Ministry of Defence
  - ✗ 3. Ministry of Youth Affairs and Sports
  - ✓ 4. Ministry of Civil Aviation

Question ID : 7518977439

Option 1 ID : 75189729756

Option 2 ID : 75189729754

Option 3 ID : 75189729753

Option 4 ID : 75189729755

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.67** If the manufacturer gains 12%, the wholesale dealer gains 15% and the retailer gains 20%, then find the cost of production of a table, the retail price of which is ₹15,456.

- Ans**
- ✗ 1. ₹20,000
  - ✗ 2. ₹15,000
  - ✗ 3. ₹12,000
  - ✓ 4. ₹10,000

Question ID : 7518975622

Option 1 ID : 75189722488

Option 2 ID : 75189722487

Option 3 ID : 75189722486

Option 4 ID : 75189722485

Status : Answered

Chosen Option : 4

Q.68 The 'Revised Pradhan Mantri Jan Vikas Karyakram' is being implemented (w.e.f 2022-23) by the \_\_\_\_\_.

- Ans
- 1. Ministry of Home Affairs
  - 2. Ministry of Minority Affairs
  - 3. Ministry of Rural Development
  - 4. Ministry of Tribal Affairs

Question ID : 7518976483

Option 1 ID : 75189725930

Option 2 ID : 75189725931

Option 3 ID : 75189725932

Option 4 ID : 75189725929

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

Q.69 As per Union Budget of India 2022-23, 'One Station One Product' is an initiative taken by the Indian \_\_\_\_\_.

- Ans
- 1. roadways
  - 2. airways
  - 3. railways
  - 4. waterways

Question ID : 7518977498

Option 1 ID : 75189729990

Option 2 ID : 75189729991

Option 3 ID : 75189729989

Option 4 ID : 75189729992

Status : **Answered**

Chosen Option : 3

Q.70 There are two sets of data A and B. The mean of both sets is same. The median of data B is twice the median of data A. The relation between the modes of sets A and B is

- Ans
- 1.  $\text{Mode B} - \text{Mode A} = \left(\frac{3}{2}\right) \text{median A}$
  - 2.  $\text{Mode B} - \text{Mode A} = 3 \text{median A}$
  - 3.  $\text{Mode B} - \text{Mode A} = \left(\frac{3}{4}\right) \text{median A}$
  - 4.  $\text{Mode B} + \text{Mode A} = 3 \text{median A}$

Question ID : 7518975689

Option 1 ID : 75189722755

Option 2 ID : 75189722753

Option 3 ID : 75189722756

Option 4 ID : 75189722754

Status : **Answered**

Chosen Option : 2

Q.71 Which of the following is RHS of the equation

$$\frac{\sin^2 A}{1 - \cos A} =$$

- Ans
- 1.  $\sec A + \tan A$
  - 2.  $\operatorname{cosec} A$
  - 3.  $\tan A$
  - 4.  $\cos A + 1$

Question ID : 7518975785  
Option 1 ID : 75189723140  
Option 2 ID : 75189723139  
Option 3 ID : 75189723138  
Option 4 ID : 75189723137

Status : Answered

Chosen Option : 4

Q.72 Which of the following was added to the list of official languages of India in 1967?

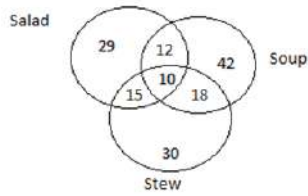
- Ans
- 1. Konkani
  - 2. Nepali
  - 3. Sindhi
  - 4. Manipuri

Question ID : 7518977480  
Option 1 ID : 75189729917  
Option 2 ID : 75189729920  
Option 3 ID : 75189729918  
Option 4 ID : 75189729919

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.73** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons in a company with preference for different foods for lunch.

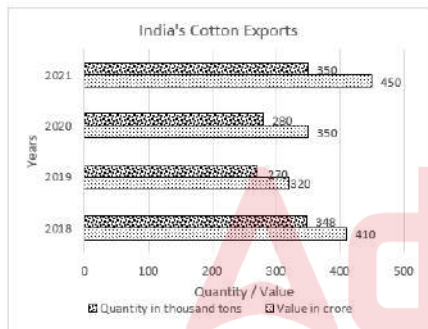


How many people prefer salads but NOT stew?

- Ans**
- 1. 41
  - 2. 51
  - 3. 29
  - 4. 39

Question ID : **7518977614**  
 Option 1 ID : **75189730453**  
 Option 2 ID : **75189730455**  
 Option 3 ID : **75189730454**  
 Option 4 ID : **75189730456**  
 Status : **Answered**  
 Chosen Option : 1

**Q.74** The given bar graph shows the data of cotton exports in India from years 2018 to 2021. Study the given bar graph and answer the question.



In which year was the value per thousand tons the minimum?

- Ans**
- 1. 2019
  - 2. 2021
  - 3. 2020
  - 4. 2018

Question ID : **7518977772**  
 Option 1 ID : **75189731086**  
 Option 2 ID : **75189731088**  
 Option 3 ID : **75189731087**  
 Option 4 ID : **75189731085**  
 Status : **Answered**  
 Chosen Option : 1

Q.75 In triangle ABC, if the angles are in the ratio 4 : 3 : 5, find the angles.

- Ans
- 1.  $20^\circ, 15^\circ, 25^\circ$
  - 2.  $40^\circ, 30^\circ, 50^\circ$
  - 3.  $20^\circ, 50^\circ, 70^\circ$
  - 4.  $60^\circ, 45^\circ, 75^\circ$

Question ID : 7518975769  
Option 1 ID : 75189723074  
Option 2 ID : 75189723075  
Option 3 ID : 75189723073  
Option 4 ID : 75189723076  
Status : Answered  
Chosen Option : 4

Q.76 The 'Stree Manoraksha' Project launched in Bengaluru by the Government of India in March 2022 aims at improving \_\_\_\_\_ health of women in India.

- Ans
- 1. spiritual
  - 2. physical
  - 3. mental
  - 4. social

Question ID : 7518977454  
Option 1 ID : 75189729816  
Option 2 ID : 75189729813  
Option 3 ID : 75189729814  
Option 4 ID : 75189729815  
Status : Answered  
Chosen Option : 3





Q.77 What is the range of the annual average temperature in sub-tropical vegetation zones in India?

- Ans
- 1. Above  $24^\circ\text{C}$
  - 2.  $17^\circ\text{C}$  to  $24^\circ\text{C}$
  - 3.  $7^\circ\text{C}$  to  $17^\circ\text{C}$
  - 4. Below  $7^\circ\text{C}$

Question ID : 7518973912  
Option 1 ID : 75189715646  
Option 2 ID : 75189715648  
Option 3 ID : 75189715645  
Option 4 ID : 75189715647  
Status : Answered  
Chosen Option : 2



**Q.78** The following table shows different epithelial tissues in animals and their location in different parts. Identify the correct option.

Epithelial Tissue	Location
A. 	i) Respiratory tract
B. 	ii) Skin
C. 	iii) Lining of blood vessels
D. 	iv) Ducts of salivary glands

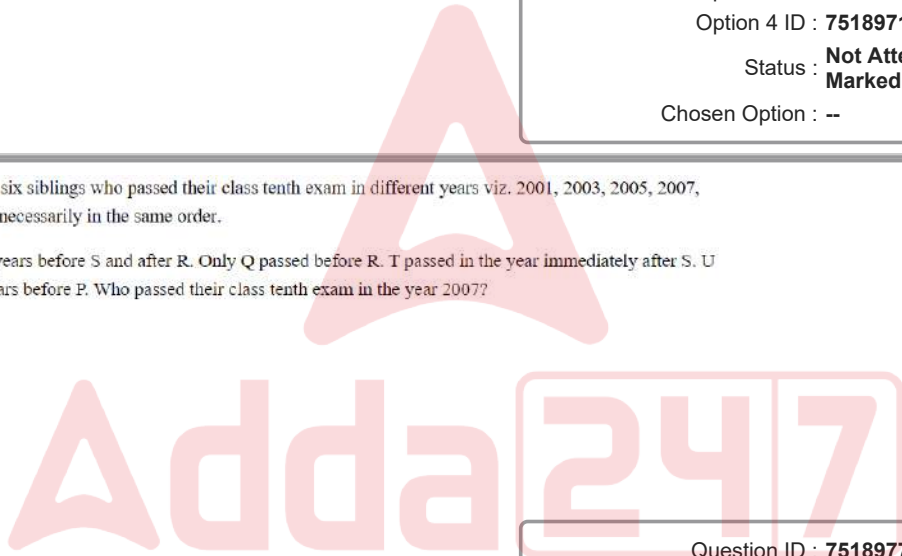
- Ans**
- ✗ 1. A-i, B-ii, C-iii, D-iv
  - ✗ 2. A-ii, B-iii, C-iv, D-i
  - ✗ 3. A-iii, B-iv, C-ii, D-i
  - ✓ 4. A-iii, B-iv, C-i, D-ii

Question ID : **7518974569**  
 Option 1 ID : **75189718273**  
 Option 2 ID : **75189718274**  
 Option 3 ID : **75189718276**  
 Option 4 ID : **75189718275**  
 Status : **Not Attempted and Marked For Review**  
 Chosen Option : --

**Q.79** P, Q, R, S, T and U are six siblings who passed their class tenth exam in different years viz. 2001, 2003, 2005, 2007, 2010 and 2012 but not necessarily in the same order.

P passed in one of the years before S and after R. Only Q passed before R. T passed in the year immediately after S. U passed in one of the years before P. Who passed their class tenth exam in the year 2007?

- Ans**
- ✓ 1. P
  - ✗ 2. U
  - ✗ 3. S
  - ✗ 4. T



Question ID : **7518977595**  
 Option 1 ID : **75189730377**  
 Option 2 ID : **75189730379**  
 Option 3 ID : **75189730378**  
 Option 4 ID : **75189730380**  
 Status : **Answered**  
 Chosen Option : 1

**Q.80** X placed an order for 20 shirts marked for ₹750 each. The shopkeeper offered 20% discount on purchase of 20 shirts. He allowed a further discount of ₹500, as the payment was made in cash. Find the final selling price of each shirt, if the selling price of each shirt is the same?

- Ans**
- 1. ₹575
  - 2. ₹625
  - 3. ₹550
  - 4. ₹650

Question ID : 7518976086  
 Option 1 ID : 75189724343  
 Option 2 ID : 75189724342  
 Option 3 ID : 75189724344  
 Option 4 ID : 75189724341  
 Status : Answered  
 Chosen Option : 1

**Q.81** A certain number of people are sitting in a row, facing north. P sits to the immediate left of Q. P sits second to the right of L. Z sits at one of the extreme ends of the row. Only one person sits to the right of S. K sits to the immediate right of D. L sits second to the right of D. Only two people sit between D and Z. Only one person sits between Q and S. If no other person is sitting in the row, what is the total number of persons seated?

- Ans**
- 1. 15
  - 2. 14
  - 3. 12
  - 4. 13

Question ID : 7518977600  
 Option 1 ID : 75189730400  
 Option 2 ID : 75189730399  
 Option 3 ID : 75189730397  
 Option 4 ID : 75189730398  
 Status : Answered  
 Chosen Option : 3

**Q.82** 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.

5 : 13 :: 9 : 69 :: 13 : ?

- Ans**
- 1. 157
  - 2. 175
  - 3. 174
  - 4. 147

Question ID : 7518977395  
 Option 1 ID : 75189729578  
 Option 2 ID : 75189729577  
 Option 3 ID : 75189729580  
 Option 4 ID : 75189729579  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

Q.83 Which of the following combinations is an example of balanced meal?

- Ans
- 1. Burger, chips, cold drink
  - 2. Roti, vegetables, cold drink
  - 3. Roti, pulses, vegetables
  - 4. Rice, chips, cold drink

Question ID : 7518974414

Option 1 ID : 75189717656

Option 2 ID : 75189717654

Option 3 ID : 75189717653

Option 4 ID : 75189717655

Status : Answered

Chosen Option : 3

Q.84 To reach house B from house A, a person has to walk 30 m towards the south. Then he must take a left turn and walk 15 m. Then he must take a left turn again and walk 20 m. Again, he must take a left turn and walk 25 m. Then he must take a right turn and walk 10 m. Then he must take a left turn and walk 17 m to finally reach house B. How far and in which direction is house A from house B? (All turns are 90 degree turns only)

- Ans
- 1. 27 m, West
  - 2. 17 m, West
  - 3. 17 m, East
  - 4. 27 m, East

Question ID : 7518977687

Option 1 ID : 75189730748

Option 2 ID : 75189730746

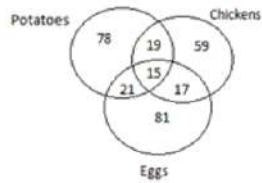
Option 3 ID : 75189730745

Option 4 ID : 75189730747

Status : Answered

Chosen Option : 1

**Q.85** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons who eat a particular food for dinner every day.



How many people eat potatoes and eggs for dinner but NOT chickens?

- Ans
- 1. 81
  - 2. 21
  - 3. 15
  - 4. 36

Question ID : 7518977624

Option 1 ID : 75189730496

Option 2 ID : 75189730495

Option 3 ID : 75189730493

Option 4 ID : 75189730494

Status : Answered

Chosen Option : 2

**Q.86** If  $18\%$  of  $200 = x$ , then  $x = ?$

- Ans
- 1. 36
  - 2. 27
  - 3. 63
  - 4. 72

Question ID : 7518975829

Option 1 ID : 75189723313

Option 2 ID : 75189723316

Option 3 ID : 75189723314

Option 4 ID : 75189723315

Status : Answered

Chosen Option : 1

**Q.87** The sum of a two-digit number and the number obtained by reversing the digits is 99. If the digits of the number differ by 5, then the two-digit number can be:

- Ans
- 1. 27
  - 2. 16
  - 3. 83
  - 4. 18

Question ID : 7518976326

Option 1 ID : 75189725301

Option 2 ID : 75189725304

Option 3 ID : 75189725303

Option 4 ID : 75189725302

Status : Answered

Chosen Option : 1

**Q.88** The product of the LCM and HCF of two numbers is 48. If the two numbers differ by 13, then find the numbers.

- Ans**
- ✓ 1. 3 and 16
  - ✗ 2. 4 and 17
  - ✗ 3. 11 and 24
  - ✗ 4. 12 and 25

Question ID : 7518976046  
Option 1 ID : 75189724181  
Option 2 ID : 75189724182  
Option 3 ID : 75189724183  
Option 4 ID : 75189724184  
Status : Answered  
Chosen Option : 1

**Q.89**  $\text{CuSO}_4 + \text{Mg} \rightarrow \text{MgSO}_4 + \text{Cu}$

In the above reaction Mg is the:

- Ans**
- ✗ 1. oxidising agent
  - ✗ 2. dissolving agent
  - ✗ 3. catalyst
  - ✓ 4. reducing agent

Question ID : 7518973449  
Option 1 ID : 75189713793  
Option 2 ID : 75189713796  
Option 3 ID : 75189713794  
Option 4 ID : 75189713795  
Status : Answered  
Chosen Option : 2

**Q.90** A steady current  $I$  flows through an appliance of resistance  $R$ . The amount of heat produced by it in time  $t$  is:

- Ans**
- ✓ 1.  $I^2 R t$
  - ✗ 2.  $(It)/R$
  - ✗ 3.  $IRt$
  - ✗ 4.  $(I^2 t)/R$

Question ID : 7518976699  
Option 1 ID : 75189726794  
Option 2 ID : 75189726795  
Option 3 ID : 75189726793  
Option 4 ID : 75189726796  
Status : Answered  
Chosen Option : 1

**Q.91** When sodium sulphide reacts with dilute hydrochloric acid, a gas with unpleasant smell is produced. This gas with unpleasant smell is:

- Ans**
- ✓ 1.  $\text{H}_2\text{S}$
  - ✗ 2.  $\text{SO}_2$
  - ✗ 3.  $\text{SO}_3$
  - ✗ 4.  $\text{H}_2$

Question ID : 7518973440  
Option 1 ID : 75189713759  
Option 2 ID : 75189713758  
Option 3 ID : 75189713760  
Option 4 ID : 75189713757  
Status : Answered  
Chosen Option : 1

**Q.92** Who launched the beta version of 'Swarajability', India's first Artificial Intelligence based job platform for persons with disabilities?

- Ans**
- ✓ 1. IIT Hyderabad
  - ✗ 2. IIT Gandhinagar
  - ✗ 3. IISc Bengaluru
  - ✗ 4. IIT Roorkee

Question ID : 7518973769  
Option 1 ID : 75189715073  
Option 2 ID : 75189715076  
Option 3 ID : 75189715074  
Option 4 ID : 75189715075  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

Q.93 The balanced reaction for the following chemical reaction is:

Hydrogen + Bromine  $\rightarrow$  Hydrogen bromide

- Ans
- 1.  $2\text{H} + \text{Br}_2 \rightarrow 2\text{HBr}$
  - 2.  $\text{H}_2 + \text{Br}_2 \rightarrow 2\text{HBr}$
  - 3.  $\text{H} + \text{Br} \rightarrow \text{HBr}$
  - 4.  $\text{H}_2 + 2\text{Br} \rightarrow 2\text{HBr}$

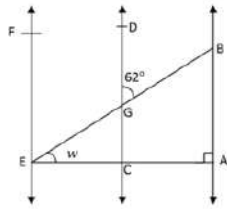
Question ID : 7518973569  
Option 1 ID : 75189714276  
Option 2 ID : 75189714273  
Option 3 ID : 75189714274  
Option 4 ID : 75189714275  
Status : Answered  
Chosen Option : 2

Q.94 Which of the following is the chemical reaction involved in the baking soda preparation?

- Ans
- 1.  $\text{NaHCO}_3 + \text{H}^+ \rightarrow \text{CO}_2 + \text{H}_2\text{O} + \text{Sodium salt of acid}$
  - 2.  $2\text{NaCl (aq)} + 2\text{H}_2\text{O (l)} \rightarrow 2\text{NaOH (aq)} + \text{Cl}_2\text{ (g)} + \text{H}_2\text{ (g)}$
  - 3.  $\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2 + \text{NH}_3 \rightarrow \text{NH}_4\text{Cl} + \text{NaHCO}_3$
  - 4.  $\text{Ca(OH)}_2 + \text{Cl}_2 \rightarrow \text{CaOCl}_2 + \text{H}_2\text{O}$

Question ID : 7518973655  
Option 1 ID : 75189714619  
Option 2 ID : 75189714620  
Option 3 ID : 75189714618  
Option 4 ID : 75189714617  
Status : Answered  
Chosen Option : 3

**Q.95** In the adjoining figure  $AB \parallel CD$  and  $CD \parallel EF$ . Also,  $EA \perp AB$ . If  $\angle BGD = 62^\circ$ , then the value of  $w$  is:



- Ans**
- ✓ 1.  $28^\circ$
  - ✗ 2.  $108^\circ$
  - ✗ 3.  $118^\circ$
  - ✗ 4.  $62^\circ$

Question ID : 7518976374  
 Option 1 ID : 75189725494  
 Option 2 ID : 75189725496  
 Option 3 ID : 75189725493  
 Option 4 ID : 75189725495  
 Status : Answered  
 Chosen Option : 1

**Q.96** Who among the following appoints the Chief Justice of India?

- Ans**
- ✗ 1. The Prime Minister of India
  - ✗ 2. The Attorney General of India
  - ✗ 3. The Supreme Court Judge of India
  - ✓ 4. The President of India



Question ID : 7518977562  
 Option 1 ID : 75189730246  
 Option 2 ID : 75189730248  
 Option 3 ID : 75189730247  
 Option 4 ID : 75189730245  
 Status : Answered  
 Chosen Option : 4



**Q.97** In this question, a group of letters is coded using numbers as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Letter/Symbol	Y	T	V	R	I	G	E	A
Code	4	6	8	0	3	5	7	9

Conditions:

- (i) If the first element is a vowel and the last, a consonant, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is a consonant and the last, a vowel, the first and last elements are to be coded as 2.
- (iii) If both the third and the fifth elements are vowels, the fifth element is to be coded as the code for the third element and vice-versa.

Question: GRAVITY

- Ans**
- 1. 5603984
  - 2. 5038964
  - 3. 5309846
  - 4. 5098364

Question ID : 7518977364  
 Option 1 ID : 75189729454  
 Option 2 ID : 75189729453  
 Option 3 ID : 75189729456  
 Option 4 ID : 75189729455  
 Status : **Not Attempted and Marked For Review**  
 Chosen Option : --

**Q.98** Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S's exam is immediately before R. Only three people have exams between U and Q. Q's exam is immediately before S. Only two people have exams between S and V. P's exam is on Tuesday. R's exam is on Sunday. Who among the following has exam on Monday?

- Ans**
- 1. T
  - 2. U
  - 3. Q
  - 4. V



Question ID : 7518975148  
 Option 1 ID : 75189720590  
 Option 2 ID : 75189720591  
 Option 3 ID : 75189720592  
 Option 4 ID : 75189720589  
 Status : **Answered**  
 Chosen Option : 2

**Q.99** Identify the correct order if A, B, C, D, E are the atomic numbers of the elements in positions of rows 1 to 4 of the periodic table of Groups 15, 16, 17 respectively, as specified in figure below

Group 15	Group 16	Group 17
A	C	-
-	-	-
-	-	E
B	D	-

- Ans**
- 1.  $A > B > C > D > E$
  - 2.  $B > D > E > A > C$
  - 3.  $D > B > E > C > A$
  - 4.  $E > B > D > A > C$

Question ID : 7518973729

Option 1 ID : 75189714913

Option 2 ID : 75189714914

Option 3 ID : 75189714916

Option 4 ID : 75189714915

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

**Q.100** The food prepared by the leaves of the plants is transported by phloem to which parts of the plant?

- Ans**
- 1. Only to roots and seeds
  - 2. Only to roots and fruits
  - 3. Only to seeds and growing regions
  - 4.

To storage organs of roots, seeds, fruits and growing regions

Question ID : 7518974549

Option 1 ID : 75189718195

Option 2 ID : 75189718193

Option 3 ID : 75189718194

Option 4 ID : 75189718196

Status : **Answered**

Chosen Option : 4