



RRB GROUP - D **SHIFT - 1 (01-09-2022)**

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

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

Question ID : 7518977474  
Option 1 ID : 75189729894  
Option 2 ID : 75189729893  
Option 3 ID : 75189729896  
Option 4 ID : 75189729895  
Status : Not Answered  
Chosen Option : --

**Q.2** Which of the following interchanges of numbers would make the given equation correct?

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

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

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

**Q.3** Which of the following was added to the list of official languages of India in 1967?

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

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

**Q.4** 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. 11 and 24
  - 3. 4 and 17
  - 4. 12 and 25

Question ID : 7518976046  
Option 1 ID : 75189724181  
Option 2 ID : 75189724183  
Option 3 ID : 75189724182  
Option 4 ID : 75189724184  
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. 10 days
  - 2. 11 days
  - 3. 21 days
  - 4. 20 days

Question ID : 7518975884  
Option 1 ID : 75189723533  
Option 2 ID : 75189723534  
Option 3 ID : 75189723536  
Option 4 ID : 75189723535  
Status : Not Answered  
Chosen Option : --

**Q.6** 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. 12 years
  - 2. 10 years
  - 3. 9 years
  - 4. 11 years

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

**Q.7** 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. 174
  - 2. 147
  - 3. 157
  - 4. 175

Question ID : 7518977395  
Option 1 ID : 75189729580  
Option 2 ID : 75189729579  
Option 3 ID : 75189729578  
Option 4 ID : 75189729577  
Status : Answered  
Chosen Option : 3

**Q.8** The 'Revised Pradhan Mantri Jan Vikas Karyakram' is being implemented (w.e.f 2022-23) by the \_\_\_\_\_.

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

Question ID : 7518976483  
Option 1 ID : 75189725932  
Option 2 ID : 75189725929  
Option 3 ID : 75189725930  
Option 4 ID : 75189725931  
Status : Answered  
Chosen Option : 1

Q.9 If 18% of 200 = x, then x = ?

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

Question ID : 7518975829  
Option 1 ID : 75189723313  
Option 2 ID : 75189723316  
Option 3 ID : 75189723315  
Option 4 ID : 75189723314  
Status : Answered  
Chosen Option : 1

Q.10 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. ₹12,000
  - ✓ 2. ₹10,000
  - ✗ 3. ₹15,000
  - ✗ 4. ₹20,000

Question ID : 7518975622  
Option 1 ID : 75189722486  
Option 2 ID : 75189722485  
Option 3 ID : 75189722487  
Option 4 ID : 75189722488  
Status : Answered  
Chosen Option : 2

Q.11 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.  $1281 \text{ cm}^3$
  - ✗ 2.  $1288 \text{ cm}^3$
  - ✓ 3.  $1188 \text{ cm}^3$
  - ✗ 4.  $1313 \text{ cm}^3$

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

Q.12 The value of

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

Ans  1.  $-\frac{12}{5}$

2. 0

3.  $-\frac{4}{5}$

4.  $\frac{9}{5}$

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

Q.13 Find the LCM of 24, 42 and 56.

Ans  1. 618

2. 816

3. 168

4. 186

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

Q.14 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. B

3. D

4. A

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

**Q.15** 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. U
  - 2. S
  - 3. P
  - 4. T

Question ID : 7518977595  
Option 1 ID : 75189730379  
Option 2 ID : 75189730378  
Option 3 ID : 75189730377  
Option 4 ID : 75189730380  
Status : Not Answered  
Chosen Option : --

**Q.16** Which of the following is RHS of the equation

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

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

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

**Q.17** 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.  $\text{SO}_3$
  - 3.  $\text{SO}_2$
  - 4.  $\text{H}_2$

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

Q.18 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. (i) and (iii)

2. only (i)

3. (ii) and (iii)

4. (i), (ii) and (iii)

Question ID : 7518973695  
Option 1 ID : 75189714778  
Option 2 ID : 75189714777  
Option 3 ID : 75189714779  
Option 4 ID : 75189714780  
Status : Answered  
Chosen Option : 2

Q.19 According to mirror formula, the focal length of a spherical mirror is equal to:

Ans  1.  $\frac{uv}{u-v}$

2.  $\frac{uv}{u+v}$

3.  $\frac{u-v}{uv}$

4.  $\frac{u+v}{uv}$

Question ID : 7518975382  
Option 1 ID : 75189721528  
Option 2 ID : 75189721526  
Option 3 ID : 75189721527  
Option 4 ID : 75189721525  
Status : Answered  
Chosen Option : 4



Q.20  $\text{CuSO}_4 + \text{Mg} \rightarrow \text{MgSO}_4 + \text{Cu}$

In the above reaction Mg is the:

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

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

Q.21 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. 17 m, East
  - 2. 27 m, East
  - 3. 17 m, West
  - 4. 27 m, West

Question ID : 7518977687  
Option 1 ID : 75189730745  
Option 2 ID : 75189730747  
Option 3 ID : 75189730746  
Option 4 ID : 75189730748  
Status : Answered  
Chosen Option : 4

Q.22 What specialisations are found in the germ cells of sexually reproducing animals with complex body designs?

- Ans
- 1.  
Male germ cell - small with food store, Female - large and motile
  - 2.  
Male germ cell - small and motile, Female - large with food store
  - 3.  
Male germ cell - large and motile, Female - small with food store
  - 4.  
Male germ cell - large with food store, Female - small and motile

Question ID : 7518974619  
Option 1 ID : 75189718474  
Option 2 ID : 75189718473  
Option 3 ID : 75189718476  
Option 4 ID : 75189718475  
Status : Answered  
Chosen Option : 2

**Q.23** 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. JPAD
  - ✗ 2. JPAG
  - ✗ 3. JPXD
  - ✗ 4. JRAD

Question ID : 7518977649  
Option 1 ID : 75189730594  
Option 2 ID : 75189730596  
Option 3 ID : 75189730595  
Option 4 ID : 75189730593  
Status : Answered  
Chosen Option : 1

**Q.24** 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. F
  - ✗ 3. D
  - ✗ 4. K

Question ID : 7518977584  
Option 1 ID : 75189730336  
Option 2 ID : 75189730335  
Option 3 ID : 75189730333  
Option 4 ID : 75189730334  
Status : Not Answered  
Chosen Option : --

**Q.25** Which of the following disciplines attempts to explain the concept of 'temporal synthesis'?

- Ans**
- ✗ 1. Geomorphology
  - ✓ 2. History
  - ✗ 3. Anthropology
  - ✗ 4. Philosophy

Question ID : 7518977249  
Option 1 ID : 75189728996  
Option 2 ID : 75189728993  
Option 3 ID : 75189728995  
Option 4 ID : 75189728994  
Status : Answered  
Chosen Option : 4

**Q.26** Which committee recommended that Fundamental Duties be included in the Constitution of India?

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

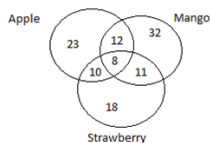
Question ID : 7518977271  
Option 1 ID : 75189729081  
Option 2 ID : 75189729082  
Option 3 ID : 75189729084  
Option 4 ID : 75189729083  
Status : Answered  
Chosen Option : 1

**Q.27** A bulb filament is made of a \_\_\_\_\_ metal with \_\_\_\_\_ melting point.

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

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

**Q.28** 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. 8
  - ✗ 3. 10
  - ✓ 4. 18

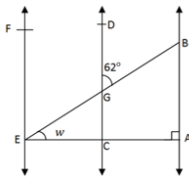
Question ID : 7518977618  
Option 1 ID : 75189730469  
Option 2 ID : 75189730470  
Option 3 ID : 75189730471  
Option 4 ID : 75189730472  
Status : Answered  
Chosen Option : 4

Q.29 Simplify:  $3(9x^3 - 6x^2 + 30) - 9(3x^3 - 2x + 30)$ .

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

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

Q.30 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.  $62^\circ$
  - 3.  $108^\circ$
  - 4.  $118^\circ$

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

Q.31 Which of the following numbers will replace the question mark (?) in the given series?

3, 4, 10, 33, 136, ?

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

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

**Q.32** As per Union Budget of India 2022-23, 'One Station One Product' is an initiative taken by the Indian \_\_\_\_\_.

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

Question ID : 7518977498  
Option 1 ID : 75189729992  
Option 2 ID : 75189729990  
Option 3 ID : 75189729991  
Option 4 ID : 75189729989  
Status : Answered  
Chosen Option : 4

**Q.33** Who launched the beta version of 'Swarajability', India's first Artificial Intelligence based job platform for persons with disabilities?

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

Question ID : 7518973769  
Option 1 ID : 75189715073  
Option 2 ID : 75189715074  
Option 3 ID : 75189715075  
Option 4 ID : 75189715076  
Status : Answered  
Chosen Option : 2

**Q.34** Which of the following numbers will replace the question mark (?) in the given series?

12, 14, 20, 34, 60, ?

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

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

**Q.35** 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. U
  - ✗ 2. T
  - ✗ 3. V
  - ✗ 4. Q

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

**Q.36** 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.

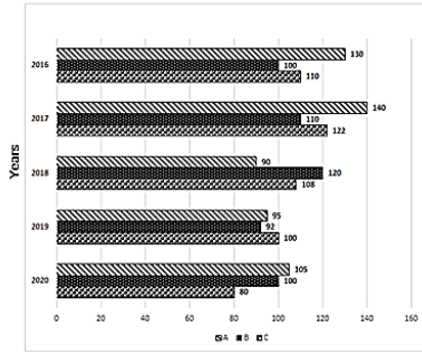


In which year was the value per thousand tons the minimum?

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

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

**Q.37** 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. 1 : 3
  - 2. 13 : 12
  - 3. 12 : 13
  - 4. 14 : 15



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

**Q.38** Which player holds the record for most runs (6411) in Indian Premier League (IPL) (as of July 2022)?

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

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

**Q.39** 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. Both conclusions I and II are true
  - 2. Only conclusion I is true
  - 3. Only conclusion II is true
  - 4. Neither conclusion I nor II is true

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

**Q.40** Who among the following appoints the Chief Justice of India?

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

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

**Q.41** 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. mental
  - 2. physical
  - 3. social
  - 4. spiritual

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



Q.42 Which formula is used for the calculation of Ex Ante Aggregate Demand?

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

Question ID : 7518977225  
Option 1 ID : 75189728897  
Option 2 ID : 75189728900  
Option 3 ID : 75189728899  
Option 4 ID : 75189728898  
Status : Not Answered  
Chosen Option : --

Q.43 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. 36
  - ✓ 2. 21
  - ✗ 3. 15
  - ✗ 4. 81

Question ID : 7518977624  
Option 1 ID : 75189730494  
Option 2 ID : 75189730495  
Option 3 ID : 75189730493  
Option 4 ID : 75189730496  
Status : Answered  
Chosen Option : 2

**Q.44** 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. 3  
✗ 2. 4  
✗ 3. 2  
✗ 4. 1

Question ID : 7518977327  
Option 1 ID : 75189729307  
Option 2 ID : 75189729308  
Option 3 ID : 75189729306  
Option 4 ID : 75189729305  
Status : Answered  
Chosen Option : 1

**Q.45** The balanced reaction for the following chemical reaction is:

Hydrogen + Bromine  $\rightarrow$  Hydrogen bromide

**Ans** ✓ 1.  $H_2 + Br_2 \rightarrow 2 HBr$   
✗ 2.  $H_2 + 2Br \rightarrow 2 HBr$   
✗ 3.  $2H + Br_2 \rightarrow 2 HBr$   
✗ 4.  $H + Br \rightarrow HBr$

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

**Q.46** 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. Neither (a) nor (b)
  - 3. Both (a) and (b)
  - 4. Only (b)

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

**Q.47** 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. 40 km/h
  - 2. 45 km/h
  - 3. 60 km/h
  - 4. 30 km/h

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

**Q.48** 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. 400 m
  - 2. 600 m
  - 3. 700 m
  - 4. 350 m

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

**Q.49** 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. 12
  - ✗ 2. 13
  - ✗ 3. 15
  - ✗ 4. 14





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

**Q.50** 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. VAU 68
  - ✗ 2. VAT 68
  - ✗ 3. VAT 70
  - ✓ 4. VAS 68

Question ID : 7518977704  
 Option 1 ID : 75189730813  
 Option 2 ID : 75189730816  
 Option 3 ID : 75189730814  
 Option 4 ID : 75189730815  
 Status : Not Answered  
 Chosen Option : --

**Q.51** 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-iii, B-iv, C-ii, D-i
  - ✗ 2. A-i, B-ii, C-iii, D-iv
  - ✗ 3. A-ii, B-iii, C-iv, D-i
  - ✓ 4. A-iii, B-iv, C-i, D-ii

Question ID : 7518974569  
 Option 1 ID : 75189718276  
 Option 2 ID : 75189718273  
 Option 3 ID : 75189718274  
 Option 4 ID : 75189718275  
 Status : Answered  
 Chosen Option : 4

Q.52 Simplify  $\frac{5^3 \times 27 \times 10^3}{5^6 \times 3^2 \times 4}$

Ans  1. 6

2.  $\frac{3}{2}$

3. 8

4.  $\frac{1}{2}$

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

Q.53 Seven times a number reduced by 14 is equal to the sum of 5 times the number and 6. Find the number.

Ans  1. 5

2. 15

3. 10

4. 20

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

Q.54 If 28 March 2017 was a Tuesday, then what day of the week was 12 February 2017?

Ans  1. Saturday

2. Thursday

3. Friday

4. Sunday

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

**Q.55** 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. 2
  - 2. 1
  - 3. 3
  - 4. 4

Question ID : 7518977659  
Option 1 ID : 75189730634  
Option 2 ID : 75189730633  
Option 3 ID : 75189730635  
Option 4 ID : 75189730636  
Status : Answered  
Chosen Option : 4

**Q.56** 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. ₹10,098
  - 2. ₹10,890
  - 3. ₹10,089
  - 4. ₹10,980

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

**Q.57** What is the range of the annual average temperature in sub-tropical vegetation zones in India?

- Ans**
- 1. 7°C to 17° C
  - 2. Above 24°C
  - 3. 17°C to 24°C
  - 4. Below 7°C

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

Q.58 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.  $\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2 + \text{NH}_3 \rightarrow \text{NH}_4\text{Cl} + \text{NaHCO}_3$
  - 3.  $\text{Ca}(\text{OH})_2 + \text{Cl}_2 \rightarrow \text{CaOCl}_2 + \text{H}_2\text{O}$
  - 4.  $2 \text{NaCl} (\text{aq}) + 2 \text{H}_2\text{O} (\text{l}) \rightarrow 2 \text{NaOH} (\text{aq}) + \text{Cl}_2 (\text{g}) + \text{H}_2 (\text{g})$

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

Q.59 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.60 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. +3 D
  - 2. 8 D
  - 3. -3 D
  - 4. -8 D

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

**Q.61** A steady current  $I$  flows through an appliance of resistance  $R$ . The amount of heat produced by it in time  $t$  is:

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

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

**Q.62** Which of the following ministries released the draft National Air Sports Policy, 2022, in the January 2022?

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

Question ID : 7518977439  
Option 1 ID : 75189729754  
Option 2 ID : 75189729756  
Option 3 ID : 75189729753  
Option 4 ID : 75189729755  
Status : Answered  
Chosen Option : 3

**Q.63** 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 occurring as different allotropes
  - 3. Self-degeneration property
  - 4. Property of carbon to give combustive nature to its compounds

Question ID : 7518973378  
Option 1 ID : 75189713511  
Option 2 ID : 75189713510  
Option 3 ID : 75189713509  
Option 4 ID : 75189713512  
Status : Answered  
Chosen Option : 1



**Q.64** 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.

Used to generate electricity in thermal plants and are cost effective

✗ 2. When burnt produce  $\text{CO}_2$ , which causes global warming

✗ 3.

When burnt produce oxides of N and S that are poisonous and cause acid rain

✗ 4.

When burnt in insufficient  $\text{O}_2$  produce carbon monoxide, which is a poisonous gas

Question ID : 7518974692

Option 1 ID : 75189718767

Option 2 ID : 75189718768

Option 3 ID : 75189718765

Option 4 ID : 75189718766

Status : Answered

Chosen Option : 3

**Q.65** Which of the following interchanges of signs would make the given equation correct?

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

**Ans** ✓ 1. - and ×

✗ 2. ÷ and +

✗ 3. + and ×

✗ 4. ÷ and ×

Question ID : 7518977765

Option 1 ID : 75189731059

Option 2 ID : 75189731058

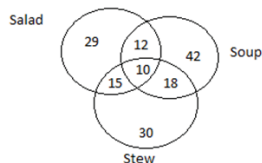
Option 3 ID : 75189731057

Option 4 ID : 75189731060

Status : Answered

Chosen Option : 1

**Q.66** 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. 51

✗ 2. 29

✗ 3. 39

✓ 4. 41

Question ID : 7518977614

Option 1 ID : 75189730455

Option 2 ID : 75189730454

Option 3 ID : 75189730456

Option 4 ID : 75189730453

Status : Answered

Chosen Option : 4

**Q.67** 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. 83
  - 2. 18
  - 3. 27
  - 4. 16

Question ID : 7518976326  
Option 1 ID : 75189725303  
Option 2 ID : 75189725302  
Option 3 ID : 75189725301  
Option 4 ID : 75189725304  
Status : Answered  
Chosen Option : 3

**Q.68** 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. Loudspeaker
  - 2. Ammeter
  - 3. Voltmeter
  - 4. Electric fuse

Question ID : 7518976740  
Option 1 ID : 75189726957  
Option 2 ID : 75189726959  
Option 3 ID : 75189726958  
Option 4 ID : 75189726960  
Status : Answered  
Chosen Option : 1

**Q.69** 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. 2 days
  - 2. 6 days
  - 3. 3 days
  - 4. 5 days

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

Q.70 The roots of  $(x - 5)^2 = 5x + 11$  are \_\_\_\_\_

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

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

Q.71 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. 12 : 17
  - 4. 23 : 26

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

Q.72 Which enzyme requires the presence of hydrochloric acid for its action in the process of digestion?

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

Question ID : 7518974574  
Option 1 ID : 75189718294  
Option 2 ID : 75189718295  
Option 3 ID : 75189718293  
Option 4 ID : 75189718296  
Status : Answered  
Chosen Option : 2

**Q.73** 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 AYUSH
  - ✗ 2. Ministry of Women and Child Development
  - ✗ 3. Ministry of Health and Family Welfare
  - ✗ 4. Ministry of Cooperation

Question ID : 7518973971  
Option 1 ID : 75189715884  
Option 2 ID : 75189715883  
Option 3 ID : 75189715881  
Option 4 ID : 75189715882  
Status : Answered  
Chosen Option : 3

**Q.74** An optical device X has a focal length of  $-30$  cm. X can be:

- Ans**
- ✗ 1. either concave lens or a convex mirror
  - ✗ 2. either a convex lens or a convex mirror
  - ✗ 3. either a convex lens or a concave mirror
  - ✓ 4. either a concave lens or a concave mirror

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

**Q.75** The Balwant Rai Mehta Committee recommended in 1957 for the establishment of a \_\_\_\_\_ Panchayati Raj System in India.

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

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

**Q.76** Which of the following combinations is an example of balanced meal?

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

Question ID : 7518974414  
Option 1 ID : 75189717655  
Option 2 ID : 75189717656  
Option 3 ID : 75189717654  
Option 4 ID : 75189717653  
Status : Answered  
Chosen Option : 4

**Q.77** 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. 4
  - 3. 2
  - 4. 6

Question ID : 7518974818  
Option 1 ID : 75189719271  
Option 2 ID : 75189719269  
Option 3 ID : 75189719272  
Option 4 ID : 75189719270  
Status : Answered  
Chosen Option : 1

**Q.78** 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. Both arguments I and II weaken the statement
  - 2. Both arguments I and II strengthen the statement
  - 3. Argument I weakens, while argument II strengthens the statement
  - 4. Argument II weakens, while argument I strengthens the statement

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

**Q.79** 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 : Answered  
Chosen Option : 2

**Q.80** In triangle ABC, if the angles are in the ratio 4 : 3 : 5, find the angles.

- Ans**
- 1. 20°, 15°, 25°
  - 2. 20°, 50°, 70°
  - 3. 60°, 45°, 75°
  - 4. 40°, 30°, 50°

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

**Q.81** 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. Guttation
  - 2. Translocation
  - 3. Transpiration
  - 4. Tropic movement

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

**Q.82** 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		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. 67839
  - 2. 63879
  - 3. 97836
  - 4. 23872

Question ID : 7518977360  
Option 1 ID : 75189729438  
Option 2 ID : 75189729440  
Option 3 ID : 75189729437  
Option 4 ID : 75189729439  
Status : Answered  
Chosen Option : 1

**Q.83** 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 : 75189724659  
Option 2 ID : 75189724660  
Option 3 ID : 75189724657  
Option 4 ID : 75189724658  
Status : Answered  
Chosen Option : 2

**Q.84** 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. 2, Y respectively
  - 2. 3, D respectively
  - 3. 2, K respectively
  - 4. 3, L respectively

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

**Q.85** 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. 14
  - 2. 12
  - 3. 15
  - 4. 16

Question ID : 7518977732  
Option 1 ID : 75189730925  
Option 2 ID : 75189730926  
Option 3 ID : 75189730927  
Option 4 ID : 75189730928  
Status : Answered  
Chosen Option : 2



**Q.86** 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.  $B > D > E > A > C$
  - 2.  $E > B > D > A > C$
  - 3.  $A > B > C > D > E$
  - 4.  $D > B > E > C > A$

Question ID : 7518973729  
 Option 1 ID : 75189714914  
 Option 2 ID : 75189714915  
 Option 3 ID : 75189714913  
 Option 4 ID : 75189714916  
 Status : Answered  
 Chosen Option : 4

**Q.87** Poa Mecca situated on top of Garurachal Hill in the state of \_\_\_\_\_.

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

Question ID : 7518977203  
 Option 1 ID : 75189728811  
 Option 2 ID : 75189728809  
 Option 3 ID : 75189728812  
 Option 4 ID : 75189728810  
 Status : Answered  
 Chosen Option : 1

**Q.88** Two resistors, A of  $8\ \Omega$  and B of  $12\ \Omega$ , are connected in series with a battery of 6 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.  $(\frac{3}{2})$  and 1
  - 3.  $(\frac{2}{3})$  and 1
  - 4.  $(\frac{2}{3})$  and  $(\frac{3}{2})$

Question ID : 7518976691  
 Option 1 ID : 75189726763  
 Option 2 ID : 75189726764  
 Option 3 ID : 75189726762  
 Option 4 ID : 75189726761  
 Status : Not Answered  
 Chosen Option : --

Q.89 The shaggy horn wild ibex is found in \_\_\_\_\_ in India.

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

Question ID : 7518977546  
Option 1 ID : 75189730183  
Option 2 ID : 75189730181  
Option 3 ID : 75189730182  
Option 4 ID : 75189730184  
Status : Answered  
Chosen Option : 2

Q.90 Find the value of  $x$ , if  $6^{x+4} = 6^7$ .

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

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

Q.91 India's first Christian missionary organisation, Serampore Mission, was founded by \_\_\_\_\_.

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

Question ID : 7518977462  
Option 1 ID : 75189729848  
Option 2 ID : 75189729846  
Option 3 ID : 75189729847  
Option 4 ID : 75189729845  
Status : Answered  
Chosen Option : 1

**Q.92** 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. 1590.48 cm<sup>3</sup>
  - 2. 1050.67 cm<sup>3</sup>
  - 3. 1241.14 cm<sup>3</sup>
  - 4. 1437.33 cm<sup>3</sup>

Question ID : 7518976184  
Option 1 ID : 75189724733  
Option 2 ID : 75189724734  
Option 3 ID : 75189724735  
Option 4 ID : 75189724736  
Status : Answered  
Chosen Option : 1

**Q.93** 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. ₹650
  - 3. ₹550
  - 4. ₹625

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

**Q.94** 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. Only iii
  - 2. Only ii
  - 3. Both ii and iii
  - 4. Only i

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

**Q.95** 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. 20
  - 3. 25
  - 4. 17

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

**Q.96** 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. Mode B – Mode A =  $\left(\frac{3}{2}\right)$  median A
  - 2. Mode B – Mode A =  $\left(\frac{3}{4}\right)$  median A
  - 3. Mode B – Mode A = 3 median A
  - 4. Mode B + Mode A = 3 median A

Question ID : 7518975689  
Option 1 ID : 75189722755  
Option 2 ID : 75189722756  
Option 3 ID : 75189722753  
Option 4 ID : 75189722754  
Status : Answered  
Chosen Option : 3

**Q.97** The food prepared by the leaves of the plants is transported by phloem to which parts of the plant?

- Ans**
- 1. Only to seeds and growing regions
  - 2. Only to roots and fruits
  - 3. Only to roots and seeds
  - 4. To storage organs of roots, seeds, fruits and growing regions

Question ID : 7518974549  
Option 1 ID : 75189718194  
Option 2 ID : 75189718193  
Option 3 ID : 75189718195  
Option 4 ID : 75189718196  
Status : Answered  
Chosen Option : 4

**Q.98** 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. least, more
  - 3. most, more
  - 4. most, less

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

**Q.99** 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. 5309846
  - 3. 5098364
  - 4. 5038964

Question ID : 7518977364  
Option 1 ID : 75189729454  
Option 2 ID : 75189729456  
Option 3 ID : 75189729455  
Option 4 ID : 75189729453  
Status : Answered  
Chosen Option : 4

**Q.100** Which branch of Physical Geography studies the earth's form and structure?

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

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