

• Question No. 1

A series is given with two terms missing. Choose the correct alternatives from the given ones that will complete the series.

51, 62, 74, 87, 101, ?

Options :

1. 118

2. 110

3. 112

4. 116

5.

Answer : 116

• Question No. 2

A series is given with two terms missing. Choose the correct alternatives from the given ones that will complete the series.

22, 37, 33, 48, 45, 60, ?, 73

Options :

1. 58

2. 62

3. 65

4. 52

5.

Answer : 58

• Question No. 3

Arrange the given words in the sequence in which they occur in the dictionary.

- A) Depth
- B) Dessert
- C) Design
- D) Desire
- E) Deep

Options :

1. E, A, C, D, B
2. A, E, C, B, D
3. C, A, B, D, E
4. D, E, A, C, B
- 5.

Answer : E, A, C, D, B

Direction:

Consider the following information and answer questions based on it.

Six students S, T, J, U, V and W are sitting in a circle facing each other such that T sits to the immediate right of J. S does not sit near W. The student sitting on the immediate left of J, sits to the immediate right of W. V does not sit second to the right of T.

- Question No. 4

_____ sits to the immediate left of S.

Options :

1. U
2. T
3. V
4. J

5.

Answer : T

Direction:

Consider the following information and answer questions based on it.

Six students S, T, J, U, V and W are sitting in a circle facing each other such that T sits to the immediate right of J. S does not sit near W. The student sitting on the immediate left of J, sits to the immediate right of W. V does not sit second to the right of T.

- Question No. 5

Who is sitting to the immediate right of S?

Options :

1. W
2. V
3. U
4. S
- 5.

Answer : U

- Question No. 6

Select the related word/letters/number from the given alternatives.

GZO : LAT :: SVO : LEH :: NVE : ?

Options :

1. EVM
2. MVE
3. VEM
4. MEV
- 5.

Answer : VEM

• Question No. 7

In a class of 50 students, Sharan is 15th from the top. What is his rank from bottom?

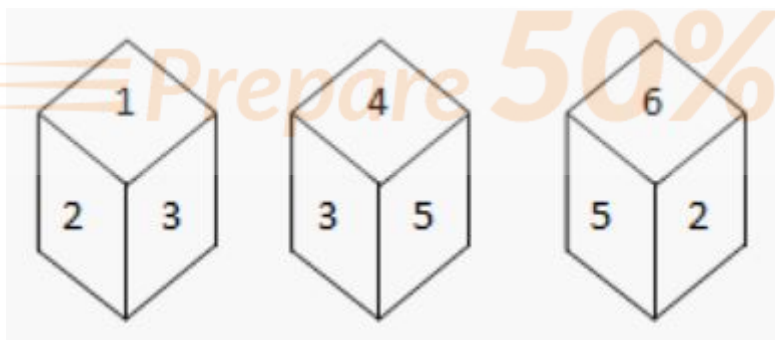
Options :

- 1. 32
- 2. 34
- 3. 36
- 4. 38
- 5.

Answer : 36

• Question No. 8

A dice with six faces is marked with six numbers 1, 2, 3, 4, 5 and 6 respectively. This dice is rolled three times and three positions are shown as:



Find the number opposite to 1.

Options :

- 1. 2
- 2. 6
- 3. 5
- 4. 4

5.

Answer : 5

• Question No. 9

Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

$$32 * 366 * 6 * 2 * 134 = 20$$

Options :

1. +, ×, ÷, -

2. +, ÷, -, ×

3. +, ÷, ×, -

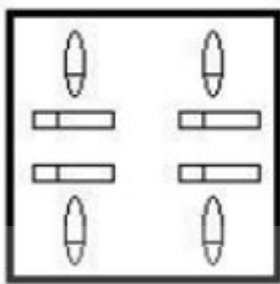
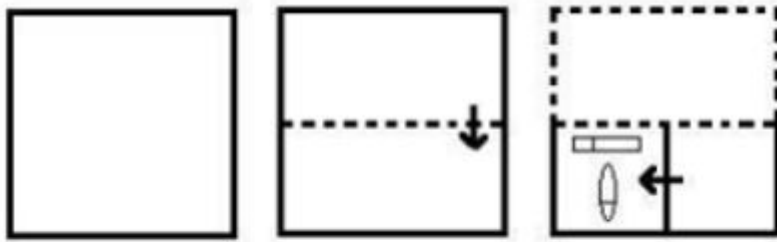
4. -, +, ×, ÷

5.

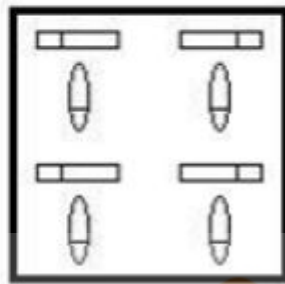
Answer : +, ÷, ×, -

• Question No. 10

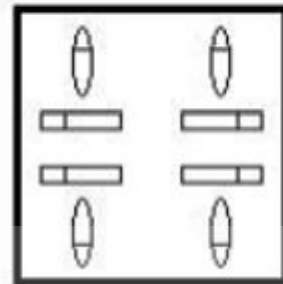
The sequence of folding a piece of paper and the manner in which the folded paper has cut is shown in the following figures. How would this paper look when unfolded?



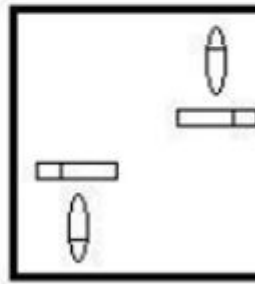
(1)



(2)



(3)



(4)

Options :

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

Answer : 3

• Question No. 11

A series is given with a term missing. Choose the correct alternatives from the given ones that will complete the series.

3, 4, 12, 45, ?, 1105

Options :

1. 191
2. 194

3. 196

4. 198

5.

Answer : 196

• Question No. 12

In a certain code language, 'MONTH' is written as '43297' and 'LOST' is written as '5319'. What will be the code for 'SMOOTH' in that code language?

Options :

1. 133974

2. 143739

3. 143397

4. 397143

5.

Answer : 143397

• Question No. 13

In each of the questions below are given two/three statements followed by two conclusions numbered I, and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of given conclusions logically follows from the given statements disregarding commonly known facts.

Statements: Some birds are sparrows.

Some sparrows are duck.

No duck is rat.

Conclusions: I. Some birds are duck.

II. All sparrows being birds is a possibility.

Options :

1. If both conclusions I and II follow
2. If neither conclusion I nor II follows
3. If either conclusion I or II follows
4. If only conclusion II follows.
- 5.

Answer : If only conclusion II follows.

• Question No. 14

Select the correct mirror image of the given combination when the mirror is placed at 'MN' as shown.



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

Options :

- 1.1
- 2.2
- 3.3
- 4.4

5.

Answer : 1

• Question No. 15

If 'A % B' means 'A is the daughter of B', 'A & B' means 'A is the wife of B', and 'A # B' means 'A is the son of B', then how is U related to Y in the expression T % U & V # W & Y?

Options :

1. Sister-in-law
2. Daughter-in-law
3. Daughter
4. Maternal aunt
- 5.

Answer : Daughter-in-law

• Question No. 16

Which two signs should be interchanged to make the following equation correct?

$$8 \times 12 \div 3 - 6 = 40 + 2$$

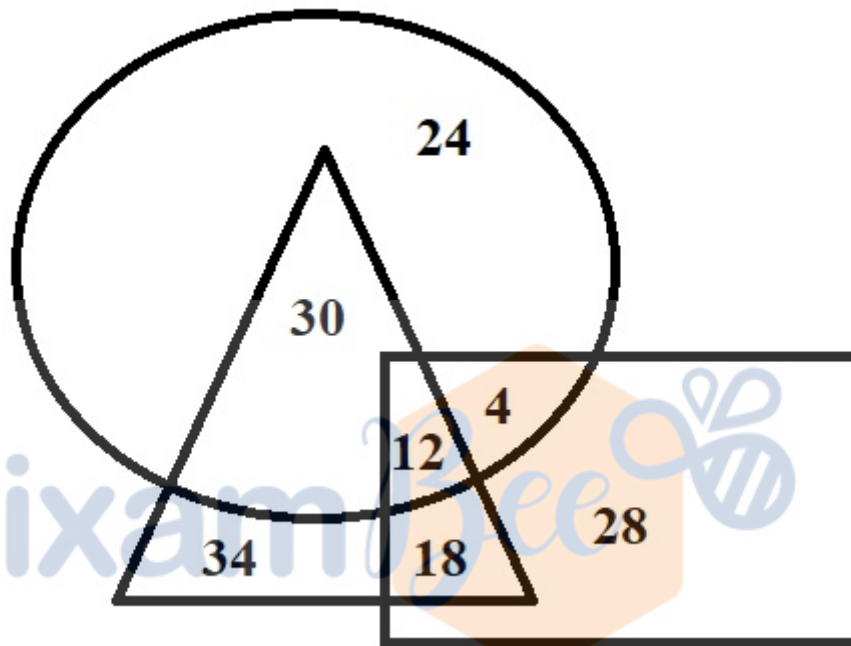
Options :

1. \times and \div
2. $+$ and \div
3. $+$ and $-$
4. \times and $-$
- 5.

Answer : $+$ and $-$

• Question No. 17

In the following Venn diagram, the rectangle stands for persons, the triangle stands for 'singer' and the circle stands for "dancer". The given numbers represent the number of persons in that particular category. How many persons are both 'singer and dancer'?



Options :

1. 4
2. 12
3. 18
4. 24
- 5.

Answer : 12

- Question No. 18

If MOUTH is coded as 46328, then NATION is coded as

Options :

1. 401854

If in a certain code language '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. Find out the value of '82 ÷ 25 × 5 ÷ 4 + 11'.

Options :

1. 36
2. 34
3. 33
4. 32
- 5.

Answer : 33

- Question No. 21

Which of these planets is known as the Yellow Planet?

Options :

1. Uranus
2. Neptune
3. Earth
4. Saturn
- 5.

Answer : Saturn

- Question No. 22

The international climate change summit COP27 was held in which country?

Options :

1. Austria
2. Switzerland
3. Canada
4. Egypt

5.

Answer : Egypt

• Question No. 23

Which of the following states celebrates the 'Sarhul Festival'?

Options :

1. Rajasthan
2. Assam
3. West Bengal
4. Jharkhand
- 5.

Answer : Jharkhand

• Question No. 24

What is the Scientific name of the herb 'Tulsi'?

Options :

1. Ocimum tenuiflorum
2. Azadirachta indica
3. Aloe barbadensis miller
4. Cymbopogon citratus
- 5.

Answer : Ocimum tenuiflorum

• Question No. 25

What was India's rank as per the World Happiness Report 2022?

Options :

1. 145th
2. 136th
3. 144th
4. 139th
- 5.

Answer : 136th

• Question No. 26

Which of the following articles cannot be suspended during an emergency situation in the country?

Options :

1. Article 30
2. Article 20
3. Article 28
4. Article 18
- 5.

Answer : Article 20

• Question No. 27

Which empire/ dynasty was founded by the Harihara I and Bukka?

Options :

1. Nanda dynasty
2. Vijayanagar dynasty
3. Gupta dynasty
4. Maurya dynasty
- 5.

Answer : Vijayanagar dynasty

- Question No. 28

Palamau Tiger Reserve is situated in which state?

Options :

1. Madhya Pradesh
2. Uttar Pradesh
3. Gujarat
4. Jharkhand
- 5.

Answer : Jharkhand

- Question No. 29

Which state had organized the Janjatiya Mahotsav ?

Options :

1. Odisha
2. Bihar
3. Jharkhand
4. Kerala
- 5.

Answer : Jharkhand

- Question No. 30

Where did Gautam Budha preached his first Sermon in India?

Options :

1. Sarnath
2. Vallabhi
3. Kundalvan

4. Vaishali

5.

Answer : Sarnath

- Question No. 31

_____ article of the Indian constitution provides for the contingency fund of India?

Options :

1. Article 267
2. Article 268
3. Article 360
4. Article 210
- 5.

Answer : Article 267

- Question No. 32

What is the full form of PMGKY?

Options :

1. Pradhan Mantri Garib Kalyan Yojana
2. Pradhan Mantri Gramin Kalyan Yojana
3. Pradhan Mantri Garib Kaushal Yojana
4. Pradhan Mantri Garib Kushal Yojana
- 5.

Answer : Pradhan Mantri Garib Kalyan Yojana

- Question No. 33

Who is the recently appointed President of Ukraine?

Options :

1. Volodymyr Zelensky
2. Abdulla Yameen
3. Sitwini Rabuka
4. Kassym-Jomart Tokayev
- 5.

Answer : Volodymyr Zelensky

• Question No. 34

The World's largest/biggest airport King Fahd International Airport is situated in which of these countries?

Options :

1. Israel
2. USA
3. Saudi Arabia
4. United Kingdom
- 5.

Answer : Saudi Arabia

• Question No. 35

Which of the following teams had won the T 20 IPL match 2022 ?

Options :

1. Rajasthan Royals
2. Mumbai Indians
3. Chennai Super Kings
4. Gujarat Titans
- 5.

Answer : Gujarat Titans

- Question No. 36

The third Battle of Panipat was fought in which year?

Options :

1. 1761
2. 1764
3. 1757
4. 1780
- 5.

Answer : 1761

- Question No. 37

Which is the northernmost point of India?

Options :

1. Indira point
2. Kanyakumari
3. Dhanushkodi
4. Indira Col
- 5.

Answer : Indira Col

- Question No. 38

What is the chemical name of Vitamin D ?

Options :

1. Ascorbic acid
2. Tocopherol
3. Calciferol

4. Niacin

5.

Answer : Calciferol

- Question No. 39

Who has won the Golden Ball, the best player award at the Fifa World Cup 2022?

Options :

1. Lionel Messi

2. Kylian Mbappe

3. Emi Martinez

4. None of these

5.

Answer : Lionel Messi

- Question No. 40

The National Botanical Research Institute is situated in which city?

Options :

1. Kanpur

2. Lucknow

3. Agra

4. New Delhi

5.

Answer : Lucknow

- Question No. 41

How many prime numbers are there between 40 to 50?

Options :

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

Answer : 3

• Question No. 42

By selling an article at a price of Rs 1170 a shopkeeper suffered a loss of 10%, then at what price the shopkeeper must sell the article to get 20% profit?

Options :

1. Rs 1440
2. Rs 1250
3. Rs 1740
4. Rs 1560
- 5.

Answer : Rs 1560

• Question No. 43

Find the third proportion of $\sqrt{2}$, $\sqrt{7}$ and $\sqrt{21}$.

Options :

1. 6
2. $\sqrt{6}$
3. $\sqrt{3}$
4. $\sqrt{42}$
- 5.

Answer : $\sqrt{6}$

- Question No. 44

If the diameter of the cylinder is 14 cm and height of the cylinder is 2cm. Find the sum of the curved surface area and total surface area?

Options :

1. 484 cm²
2. 824 cm²
3. 916 cm²
4. 748 cm²
- 5.

Answer : 484 cm²

- Question No. 45

A can do a work in 45 days and the same the work is done in 15 days by A and B together, then in how many days B can complete the 20% of work?

Options :

1. 6 days
2. 9 days
3. 3 days
4. 4.5 days
- 5.

Answer : 4.5 days

- Question No. 46

Difference between simple interest and compound interest at the rate of 10% p.a. for 2 years is Rs 480, find the sum.

Options :

1. Rs 2400
2. Rs 9600
3. Rs 48000
4. Rs 6400
- 5.

Answer : Rs 48000

• Question No. 47

LCM and HCF of the two numbers are 225 and 15 respectively. One of the numbers is 45, then find the second number.

Options :

1. 60
2. 30
3. 75
4. 45
- 5.

Answer : 75

• Question No. 48

If G is the centroid and AD, BE, CF are three medians of ΔABC with area 36 cm^2 , then the area of ΔEFG is?

Options :

1. 6 cm^2
2. 18 cm^2
3. 3 cm^2
4. 4 cm^2
- 5.

Answer : 3 cm^2

- Question No. 49

Find the total distance covered by boat in each upstream and downstream in 4 hours if the speed of boat in still water and speed of current is 15 km/h and 4 km/h respectively?

Options :

1. 120 km
2. 180 km
3. 100 km
4. 116 km
- 5.

Answer : 120 km

- Question No. 50

A train 420 metre long takes 21 sec to cross a man running at a speed of 3 km/hr in the direction same to that of train. What is the speed of the train?

Options :

1. 45 km/hr
2. 40 km/hr
3. 75 km/hr
4. 60 km/hr
- 5.

Answer : 75 km/hr

- Question No. 51

A dishonest dealer professes to sell his goods at cost price, but he uses a weight of 600 gm for the kg weight. Find his gain per cent.

Options :

1. 60%
2. 66.67%
3. 56.25 %
4. 33.33 %
- 5.

Answer : 66.67%

• Question No. 52

'A' can do a piece of work in 20 days. 'B' can do 80% of the same work in 30 days. If they work together for the entire time and get paid Rs.1610, then find the share of 'A'.

Options :

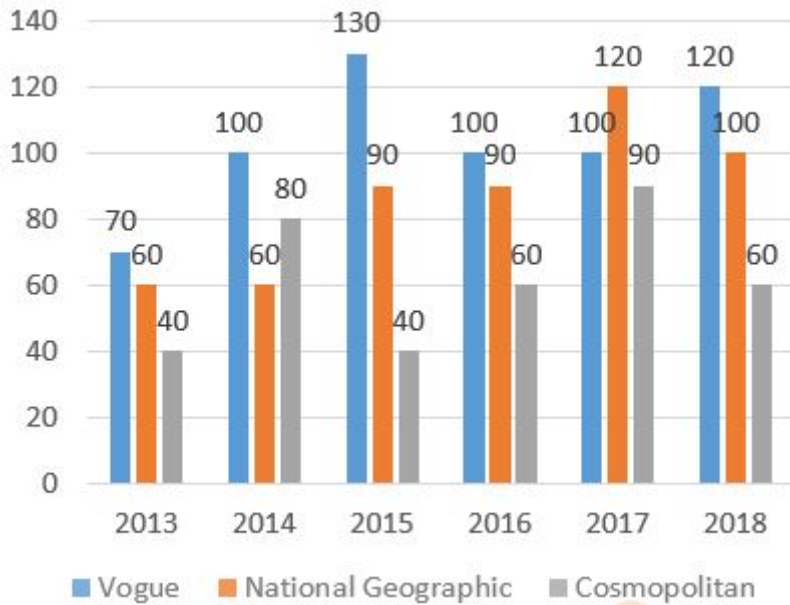
1. Rs.1120
2. Rs.1100
3. Rs.1000
4. Rs.1050
- 5.

Answer : Rs.1050

Direction:

Study the following graph carefully to answer the questions given below it.

Production of magazine (in thousands) by Vogue, National Geographic and Cosmopoliton over the years.



- Question No. 53

Find the difference between the production of Cosmopolitan in 2016 and that of Vogue in 2013?

Options :

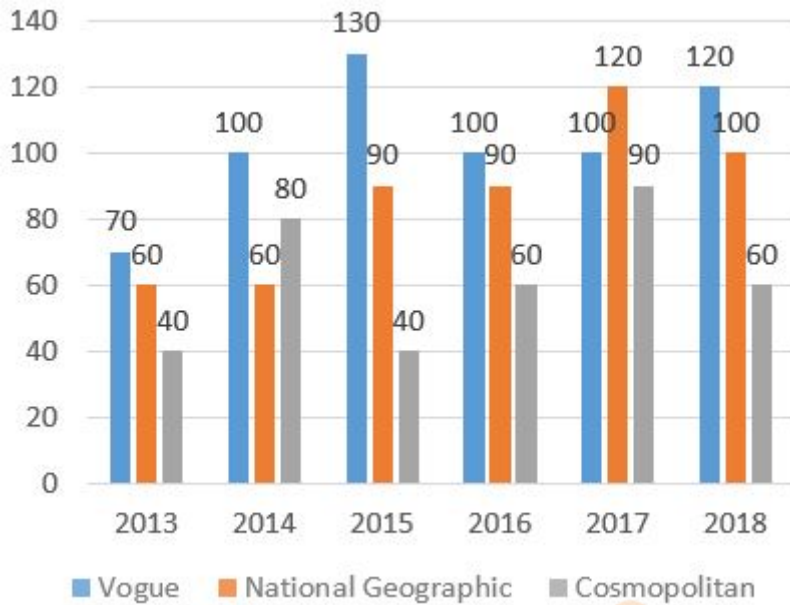
1. 10000
2. 5000
3. 20000
4. 15000
5. None of these

Answer : 10000

Direction:

Study the following graph carefully to answer the questions given below it.

Production of magazine (in thousands) by Vogue, National Geographic and Cosmopolitan over the years.



- Question No. 54

Find the percentage increase in production of Vogue from 2013 to 2015?

Options :

1. 76%
2. 86%
3. 66%
4. 92%
5. None of these

Answer : 86%

- Question No. 55

if $a^2 + b^2 + c^2 = 2(4a - 5b - 9c) - 122$, then $a - b - c = ?$

Options :

1. 14
2. 16
3. 18

4. 11

5.

Answer : 18

• Question No. 56

The average age of A and B is 15 years. If A is to be replaced by C, the average would be 14 years. The average age of C and A is 16 years. Find the age of A.

Options :

1. 21 yr

2. 23 yr

3. 17 yr

4. 25 yr

5.

Answer : 17 yr

• Question No. 57

'A' and 'B' can do a piece of work in 17 days and 34 days, respectively. They started working together but 'A' left after 4 days. Find the time taken by 'B' to complete the remaining work.

Options :

1. 20 days

2. 21 days

3. 22 days

4. 25 days

5.

Answer : 22 days

Direction:

What value should come in place of (?).

- Question No. 58

$$52.8 \times 12.5 \times 16.2 \times ? = 1603.8$$

Options :

1. 0.25
2. 0.2
3. 3
4. 0.15
- 5.

Answer : 0.15

- Question No. 59

The cost price of an article is Rs. 2335 and a shopkeeper wants to earn 12% profit on it after giving 20% discount on marked price. Find the marked price of the article.

Options :

1. Rs. 4140
2. Rs. 3269
3. Rs. 4900
4. Rs. 3698
- 5.

Answer : Rs. 3269

- Question No. 60

The average cost of three chairs is Rs.12000. The average cost decrease by 18% when one more chair is included. What is the cost price of the 4th chair?

Options :

1. Rs.4800

2. Rs.3360
3. Rs.3200
4. Rs.5200
- 5.

Answer : Rs.3360

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