

## Direction:

Below each of the following bold idioms or phrases four possible substitutes (words or group of words) are given. Select the one which is most nearly the same as the given idiom or phrase.

• Question No.1

## Hit the hay

#### **Options :**

- 1. Feed the cattle
- 2. Go to sleep
- 3. Burn the hay
- 4. Lose the sheep
- 5.
- Answer : Go to sleep

#### Direction:

Below each of the following bold idioms or phrases four possible substitutes (words or group of words) are given.

Select the one which is most nearly the same as the given idiom or phrase.

• Question No. 2

Select the correct meaning of the given idiom-To pull one's punches

#### **Options :**

- 1. be less forceful
- 2. pull someone's punches
- 3. throw the punches
- 4. having strong power
- 5.

Answer : be less forceful

## Direction:



Below each of the following bold idioms or phrases four possible substitutes (words or group of words) are given. Select the one which is most nearly the same as the given idiom or phrase.

## • Question No. 3

Select the most appropriate ANTONYM of the given word.

Temporal

**Options :** 

- 1. Wordly
- 2. Secular
- 3. Earthly
- 4. Religious

Answer : Religious

5.

#### Direction:

The following question consists of an incomplete sentence or a sentence which is split into four parts. All four parts are jumbled up and are named as P, Q, R, and S. These four parts are not given in their proper order. Arrange the jumbled parts of the sentence and find out which of the four combinations from the given options will correctly complete the sentence.

• Question No. 4

Le Corbusier was born in a small town\_\_\_\_\_. All his life he was marked by the harshness of these surroundings and the puritanism of a Protestant environment.

- P) in the mountainous Swiss Jura region
- Q) since the 18th century the
- R) world's center of
- S) precision watchmaking.



## **Options :**

1. PQRS

2. QPRS

3. RPQS

- 4. SPQR
- 5.

Answer : PQRS

#### Direction:

Select the segment of the sentence that contains a grammatical error. If there is no error mark 'No error' as your answer.

## • Question No. 5

The blast wave they generate is significantly longer in duration and sometimes more powerful than conventional explosives.

## **Options :**

1. The blast wave they generate is significantly longer

2. in duration and sometimes more powerful

3. than conventional explosives.

4. No error

5.

Answer : than conventional explosives.

• Question No. 6

In the following question, there is a related pair of words given. Each pair is followed by four other pairs of words. Choose the pair from the given option the pair of words that best expresses the relationship like the original pair.

Xylem : Water:: Phloem: \_\_\_\_\_



1. Food

- 2. Photosynthesis
- 3. Carbon Dioxide
- 4. Gasses
- 5.

Answer : Food

• Question No. 7

Select the most appropriate ANTONYM of the given word. Archaic Options : 1. Modern 2. Outdated 3. Obsolete 4. Frivolous 5. Answer : Modern

• Question No. 8

Select the appropriate word from four alternatives provided to fill in the blanks

The petition before the Court prayed for \_\_\_\_\_ the appointment orders issued by the management.

- 1. Granting
- 2. Removing
- 3. Dismissing
- 4. Quashing
- 5.



Answer : Quashing

• Question No. 9

The word "PLACATE" means.

## **Options :**

- 1. To worship
- 2. To laugh
- 3. To force
- 4. To pacify
- 5.

Answer : To pacify

Direction:

In the following question, a sentence or a phrase is given which can be substituted by one word. Choose the most appropriate word explaining the sentence or the phrase from the given option.

• Question No. 10

An amusing and interesting story

# **Options :**

- 1. Poesy
- 2. Legend
- 3. Ballsy
- 4. Anecdote
- 5.

# Answer : Anecdote

#### Direction:

The following question consists of an incomplete sentence or a sentence that is split into four parts. All four parts are jumbled up and are named as P, Q, R, and S. These four parts are not given in their proper order. Arrange the



jumbled parts of the sentence and find out which of the four combinations from the given options will correctly complete the sentence.

• Question No. 11

Almaty, formerly Alma-Ata, southeastern Kazakhstan.\_\_\_\_\_. With the coming of the railroad in 1930, its population grew rapidly.

P) The modern city was founded in 1854

Q) Formerly the capital of Kazakhstan, it lost its capital status in 1995 to Aqmola (now Astana).

R) when the Russians established a military fortification

S) on the site of the ancient city of Almaty, destroyed by the Mongols in the 13th century.



Answer : QPRS

Direction:

In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

• Question No. 12

Using or expressing something in more words than are needed

- 1. Verbatim
- 2. Verbal



3. Verbose

4. Reprimand

5.

Answer : Verbose

Direction:

The following question consists of an incomplete sentence or a sentence that is split into four parts. All four parts are jumbled up and are named as P, Q, R, and S. These four parts are not given in their proper order. Arrange the jumbled parts of the sentence and find out which of the four combinations from the given options will correctly complete the sentence.

• Question No. 13

Maps that William Clark made \_\_\_\_\_\_ showed how to reach the Pacific Ocean by a combination of waterways and land routes.

P) showing the geography of the West

Q) were published in 1810 and 1814.

R) The expedition did not find an all-water route across the continent, but the maps

S) These remained the best maps of the region until the 1840s.

# **Options :**

- 1. QPSR
- 2. RQPS
- 3. SQPR
- 4. PQSR
- 5.

 $\mathsf{Answer}:\mathsf{PQSR}$ 

## Direction:

Find the error in the following sentence. A part of the following sentence contains an error. Select the correct option to replace the incorrect part.



• Question No. 14

In this hard time, utilise a little money you have in a proper manner now.

## **Options :**

- 1. utilise the little money
- 2. In this urgent time
- 3. you had in a proper manner
- 4. hard times
- 5.

Answer : utilise the little money

• Question No. 15

Select the most appropriate meaning of the given idiom.

Kick the bucket

# **Options :**

1. Be angry 2. Die

repare **50%** Faste

- 3. Be rude
- 4. Arrive
- 5.

Answer : Die

#### Direction:

Select the appropriate word from four alternatives provided to fill in the blanks

• Question No. 16

Rights \_\_\_\_\_ automatically to him who duly performs his duties.



## **Options :**

- 1. Belong
- 2. Transfer
- 3. Issue
- 4. Accrue
- 5.

Answer : Accrue

• Question No. 17

Select the most appropriate synonym of the given word.



Answer : Delegate

• Question No. 18

Choose the word that is the correct substitute for the given group of words

A person with bad habits or faults which cannot be changed or corrected

- 1. Infallible
- 2. Incurable
- 3. Insertable



4. Incorrigible

5.

Answer : Incorrigible

Direction:

Select the appropriate word from four alternatives provided to fill in the blanks

• Question No. 19

In the departmental inquiry, it was denied that the police had committed any \_\_\_\_\_ on people under their custody.

# **Options :**

- 1. Injuries 2. Crime 3. Blunder 4. Excesses 5. Answer : Crime
- Question No. 20

Choose the word almost nearest in the meaning to the word given below.

Placid

# **Options :**

- 1. Clear
- 2. Calm
- 3. Enjoyable
- 4. Noise
- 5.

Answer : Calm



## Direction:

In the following question, there is a related pair of words given. Each pair is followed by four other pairs of words. Choose the pair from the given option the pair of words that best expresses the relationship like the original pair.

## • Question No. 21

Rabbit : hop :: duck : \_\_\_\_

#### **Options :**

- 1. Waddle
- 2. Whisk
- 3. Remain
- 4. Rush

Answer : Waddle

5.

# Direction:

Landslides \_\_\_\_(X)\_\_\_\_ reported in several parts of the state, of which the one at Koottickal in Kottayam has claimed more than seven lives. "These disasters were caused \_\_\_\_(Y)\_\_\_\_ to higher economic activities like rock quarrying, construction \_\_\_\_(Z)\_\_\_\_ new buildings and roads, and destruction of natural forest in the highly economic zones.

• Question No. 22

Select the most appropriate word from the options against \_\_\_\_\_(X)\_\_\_\_\_.

- 1. Were
- 2. Was
- 3. Is
- 4. Have
- 5.

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#### Answer : Were

## Direction:

Landslides \_\_\_\_(X)\_\_\_\_ reported in several parts of the state, of which the one at Koottickal in Kottayam has claimed more than seven lives. "These disasters were caused \_\_\_\_(Y)\_\_\_\_ to higher economic activities like rock quarrying, construction \_\_\_\_(Z)\_\_\_\_ new buildings and roads, and destruction of natural forest in the highly economic zones.

• Question No. 23

Select the most appropriate word from the options against \_\_\_\_\_(Y)\_\_\_\_\_.





Answer : Due

Direction:

Landslides \_\_\_\_(X)\_\_\_\_ reported in several parts of the state, of which the one at Koottickal in Kottayam has claimed more than seven lives. "These disasters were caused \_\_\_\_(Y)\_\_\_\_ to higher economic activities like rock quarrying, construction \_\_\_\_(Z)\_\_\_\_ new buildings and roads, and destruction of natural forest in the highly economic zones.

• Question No. 24

Select the most appropriate word from the options against \_\_\_\_\_(Z)\_\_\_\_\_.

- 1. For
- 2. Of



3.	Can
4.	May
5.	

Answer : Of

Direction:

The hydrogen wall has been described by scientists as the place \_\_\_\_(X)\_\_\_\_ bubbles of solar wind cease to exist. The mass of interstellar matter here is very small \_\_\_\_\_(Y)\_\_\_\_\_ strong enough to not let the solar winds pass through. At the same time, it is not so strong to bust \_\_\_\_\_(Z)\_\_\_\_ the solar wind build-up. It acts like a wall pressing the solar winds inward.

• Question No. 25

Select the most appropriate word from the options against \_\_\_\_\_(X)\_\_\_\_

Options : 1. When 2. Where 3. What 4. Why repare 50% Faster 5.

## Answer : Where

Direction:

The hydrogen wall has been described by scientists as the place \_\_\_\_(X)\_\_\_\_ bubbles of solar wind cease to exist. The mass of interstellar matter here is very small \_\_\_\_\_(Y)\_\_\_\_\_ strong enough to not let the solar winds pass through. At the same time, it is not so strong to bust \_\_\_\_\_(Z)\_\_\_\_ the solar wind build-up. It acts like a wall pressing the solar winds inward.

• Question No. 26

Select the most appropriate word from the options against \_\_\_\_\_(Y)\_\_\_\_\_.



#### **Options :**

1. Since

- 2. Because
- 3. But
- 4. in addition to
- 5.

Answer : But

#### Direction:

The hydrogen wall has been described by scientists as the place \_\_\_\_(X)\_\_\_\_\_ bubbles of solar wind cease to exist. The mass of interstellar matter here is very small \_\_\_\_\_(Y)\_\_\_\_\_ strong enough to not let the solar winds pass through. At the same time, it is not so strong to bust \_\_\_\_\_(Z)\_\_\_\_\_ the solar wind build-up. It acts like a wall pressing the solar winds inward.

• Question No. 27

Select the most appropriate word from the options against \_\_\_\_(Z)\_\_\_\_

#### **Options :**

- 1. Into 2. Upon
- 3. Through
- 4. By
- 5.

Answer : Through

## Direction:

Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options:

Large-scale forest degradation and improper carbon sequestration are one of the causes of the recent flooding witnessed in most parts of Karnataka and Kerala over the last two years. Carbon sequestration is a natural/artificial process by which carbon dioxide is removed from the atmosphere and held in solid or liquid form. Researchers at



the Indian Institute of Science (IISc), in their latest study report, have found large-scale land cover shaved off, leading to deforestation with degradation, causing 20–25% of anthropogenic (humanrelated) carbon emissions, resulting in a regional impact on climate patterns. The loss of forest cover has also modified the local rainfall pattern. The study, 'Carbon Sequestration Potential of the Forest Ecosystems in the Western Ghats: a Global Biodiversity Hotspot', by researchers from the Centre for Ecological Sciences, IISc, on the fragile Western Ghats, investigated landscape dynamics with climate trends and carbon sequestration potential. The analysis indicated that the regions in the southern parts of Western Ghats (WG) in Kerala and part of Karnataka have witnessed largescale climate changes. The central Western Ghats area (Karnataka) shows a very meager change in temperature (0.05 degrees Celsius increase), while the rainfall shows increasing trends close to 100 mm and increase in rainy days up to two days. The northern portion of the Western Ghats latitudes shows an increasing temperature of 0.5 degrees Celsius, four days increase in the number of rainy days, and an increase in rainfall by between 100 mm and just over 250 mm. These analyses demonstrate that land use has played a major role in moderating micro-climatic conditions in the Western Ghats over a temporal scale. The reduction in rainfall and an increase in temperature can affect carbon stock in the region.

Question No. 28

According to the passage, Select the correct statement/s

a) The central Western Ghats area (Karnataka) shows a very meager change in temperature.

b) The analyses demonstrate that land use has played a major role in moderating micro-climatic conditions in the Western Ghats.

c) Kerala and part of Karnataka have witnessed large-scale climate changes.

#### **Options :**

- 1. Only a
- 2. Only b
- 3. Only c
- 4. All of the above
- 5.

Answer : All of the above

Direction:



Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options:

Large-scale forest degradation and improper carbon sequestration are one of the causes of the recent flooding witnessed in most parts of Karnataka and Kerala over the last two years. Carbon sequestration is a natural/artificial process by which carbon dioxide is removed from the atmosphere and held in solid or liquid form. Researchers at the Indian Institute of Science (IISc), in their latest study report, have found large-scale land cover shaved off, leading to deforestation with degradation, causing 20–25% of anthropogenic (humanrelated) carbon emissions, resulting in a regional impact on climate patterns. The loss of forest cover has also modified the local rainfall pattern. The study, 'Carbon Sequestration Potential of the Forest Ecosystems in the Western Ghats: a Global Biodiversity Hotspot', by researchers from the Centre for Ecological Sciences, IISc, on the fragile Western Ghats, investigated landscape dynamics with climate trends and carbon sequestration potential. The analysis indicated that the regions in the southern parts of Western Ghats (WG) in Kerala and part of Karnataka have witnessed largescale climate changes. The central Western Ghats area (Karnataka) shows a very meager change in temperature (0.05 degrees Celsius increase), while the rainfall shows increasing trends close to 100 mm and increase in rainy days up to two days. The northern portion of the Western Ghats latitudes shows an increasing temperature of 0.5 degrees Celsius, four days increase in the number of rainy days, and an increase in rainfall by between 100 mm and just over 250 mm. These analyses demonstrate that land use has played a major role in moderating micro-climatic conditions in the Western Ghats over a temporal scale. The reduction in rainfall and an increase in temperature can affect carbon stock in the region.

Question No. 29

What will be the effect of the reduction in rainfall in the region?

## **Options :**

- 1. Carbon Stocking
- 2. Increase in Temperature
- 3. Carbon Emission
- 4. Loss of forest
- 5.

#### Answer : Carbon Stocking

Direction:



Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options:

Large-scale forest degradation and improper carbon sequestration are one of the causes of the recent flooding witnessed in most parts of Karnataka and Kerala over the last two years. Carbon sequestration is a natural/artificial process by which carbon dioxide is removed from the atmosphere and held in solid or liquid form. Researchers at the Indian Institute of Science (IISc), in their latest study report, have found large-scale land cover shaved off, leading to deforestation with degradation, causing 20–25% of anthropogenic (humanrelated) carbon emissions, resulting in a regional impact on climate patterns. The loss of forest cover has also modified the local rainfall pattern. The study, 'Carbon Sequestration Potential of the Forest Ecosystems in the Western Ghats: a Global Biodiversity Hotspot', by researchers from the Centre for Ecological Sciences, IISc, on the fragile Western Ghats, investigated landscape dynamics with climate trends and carbon sequestration potential. The analysis indicated that the regions in the southern parts of Western Ghats (WG) in Kerala and part of Karnataka have witnessed largescale climate changes. The central Western Ghats area (Karnataka) shows a very meager change in temperature (0.05 degrees Celsius increase), while the rainfall shows increasing trends close to 100 mm and increase in rainy days up to two days. The northern portion of the Western Ghats latitudes shows an increasing temperature of 0.5 degrees Celsius, four days increase in the number of rainy days, and an increase in rainfall by between 100 mm and just over 250 mm. These analyses demonstrate that land use has played a major role in moderating micro-climatic conditions in the Western Ghats over a temporal scale. The reduction in rainfall and an increase in temperature can affect carbon stock in the region.

#### Question No. 30

According to the passage, what is the meaning of "Carbon Sequestration"?

#### **Options :**

- 1. A process in which carbon dioxide is kept in solid or liquid form.
- 2. A process of removing carbon dioxide from the atmosphere.
- 3. A process of removing carbon monoxide and keeping it in solid or liquid form.
- 4. A process of removing moisture from carbon dioxide and keeping it in solid or liquid form.
- 5.

Answer : A process of removing carbon dioxide from the atmosphere.



• Question No. 31

The Shanti Swaroop Bhatnagar Award is given in India for contribution to the field of:

## **Options :**

- 1. Sports
- 2. Social work
- 3. Science and technology
- 4. Literature
- 5.

Answer : Science and technology

• Question No. 32

Which among the following is a nuclear powered submarine of Indian Navy?

## **Options :**

- 1. INS Shishumar
- 2. INS <mark>Sha</mark>lki
- 3. INS Chakra II
- 4. INS Sindhuvir
- 5.

Answer : INS Chakra II

• Question No. 33

Which DRDO developed anti tank missile is capable of being launched from helicopter?

- 1. Helina
- 2. SANT Missile
- 3. Nag Missile



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5.

Answer : Helina

• Question No. 34

Which is an indigenously launched Covid Vaccine?

**Options :** 

- 1. Covaxin
- 2. Pfizer
- 3. Sputnik
- 4. AstraZeneca

Answer : Covaxin

5.

• Question No. 35

Asad Ali Khan is associated with which among the following musical instruments?



Answer : Rudra veena

• Question No. 36

With which country India has recently signed a Project Agreement (PA) for Air-Launched Unmanned Aerial Vehicle?



## **Options :**

- 1. United States
- 2. United Kingdom
- 3. Russia
- 4. Canada
- 5.

Answer : United States

• Question No. 37

Who among the following started the newspaper 'Bahishkrit Bharat'?

# Options : 1. Jyotiba Phule 2. Dr. B. R. Amdedkar 3. M. K. Gandhi 4. Maulana Abdul Kalam Azad 5. Answer : Dr. B. R. Amdedkar

• Question No. 38

The reign of Raja Krishnadev Raya is considered the golden age of which literary language?

## **Options :**

- 1. Telugu
- 2. Tamil
- 3. Hindi
- 4. Malayalam
- 5.

Answer : Telugu



• Question No. 39

Who wrote 'Why I am an Atheist'?

## **Options :**

- 1. Subhash Chandra Bose
- 2. Khushwant Singh
- 3. Bhagat Singh
- 4. Madan Lal Dhingra
- 5.

Answer : Bhagat Singh

- Question No. 40
  - Supernova is

**Options :** 

- 1. An asteroid
- 2. A black hole
- 3. A comet
- 4. A dying star
- 5.

Answer : A dying star

• Question No. 41

With reference to the office of the Attorney General of India, Which of the following statements is/are correct?

I. He is the highest law officer in the country.

II. In the performance of his official duties, the Attorney General has the right of audience in all courts in the territory of India.



## **Options :**

1. I only

- 2. Il only
- 3. Both I and II
- 4. Neither I nor II
- 5.

Answer : Both I and II

• Question No. 42

Who among the following won the Gold medal in 2020 Paralympics in Javelin Throw?



• Question No. 43

"Global Competitiveness Report" is released by which of the following organization?

## **Options :**

1. WTO 2. WEF 3. SAARC 4. EU

5.

Answer : WEF



• Question No. 44

The most commonly used semiconductor element is \_\_\_\_\_.

## **Options :**

1. Cu

- 2. A
- 3. C
- 4. Si
- 5.

Answer : Si

• Question No. 45

Which among the following do not contribute to the green house effect?

## **Options :**

1. Nitrogen

2. CFCs 3. Water Vapours

4. Ozone

5.

Answer : Nitrogen

• Question No. 46

List I (Grasslands)	List II (Region) I. Prairies
I. Prairies	A. South America
II. Downs	B. Australia
III. Llanos	C. USA
IV. Pampas	D. Venezuela



## **Options :**

1. I-D, II-C, III-A, IV-B 2. I-C, II-D, III-A, IV-B 3. I-C, II-B, III-D, IV-A 4. I-A, II-B, III-D, IV-C 5.

Answer : I-C, II-B, III-D, IV-A

• Question No. 47

Which one among the following substances does not contribute to global warming?

# **Options :**

- 1. Oxides of Sulphur and Nitrogen
- 2. Methane
- 3. Carbon dioxide
- 4. Water vapour
- 5.

Answer : Oxides of Sulphur and Nitrogen

• Question No. 48

	1
List I (Name of Operation)	List II (Related to)
I. Operation Nistar	A. Rescue operation in Yemen
	-
II. Operation Pawan	B. Control of Jaffna peninsula
III. Operation Trident	C. Indo-Pak Navy 1971 War
IV. Operation Brasstacks	D. 1986 Joint military exercise

# **Options :**

1. I-B, II-A, III-C, IV-D



2. I-B, II-A, III-D, IV-C 3. I-D, II-C, III-B, IV-A 4. I-A, II-B, III-C, IV-D 5.

Answer : I-A, II-B, III-C, IV-D

• Question No. 49

Which of the following is a short range surface to surface missile?



The first city to initiate a flood early warning system in India is

# **Options :**

- 1. Kolkata
- 2. Mumbai
- 3. Chennai
- 4. Lucknow
- 5.

Answer : Kolkata

• Question No. 51



With reference to the PM CARES Fund, consider the following statements:

I. The amount collected by it directly goes to the Consolidated Fund of India.

II. It can avail donations from the foreign contribution and donations to fund can also avail 100% tax exemption.

Which of the above statements is/are correct?

## **Options :**

- 1. I only
- 2. Il only
- 3. Both I and II
- 4. Neither I nor II
- 5.
- Answer : II only
- Question No. 52

Which among the following factors contributes to Earthquake?

1. Location

2. Distance from the epicenter

3. Local geological conditions

Select the correct answer from the code given below.

## **Options :**

- 1.1 and 2 only
  2. 2 and 3 only
- 3.1 and 3 only
- 4.1, 2, and 3
- 5.

Answer: 1, 2, and 3



• Question No. 53

Which among the following factors does not contribute to Earthquakes?

#### **Options :**

- 1. Location
- 2. Distance from the epicenter
- 3. Local geological conditions
- 4. Rate of Evaporation
- 5.

Answer : Rate of Evaporation

• Question No. 54

When we jump out of a boat, the boat moves in the opposite direction. This is due to:

#### **Options :**

- 1. The fact that the net force acting on the boat is to be zero
- 2. Newton's First Law of Motion
- 3. Newton's Second Law of Motion
- 4. Newton's Third Law of Motion
- 5.

Answer : Newton's Third Law of Motion

• Question No. 55

Given below are two statements, one is labeled as Assertion(A) and the other is labeled as Reason(R).

Assertion(A): The Portuguese were the first European community to discover a direct sea route to India.

Reason(R): The Turks started levying too many taxes on the goods passing through the routes of trade and commerce between Asia and Europe.



Choose the most appropriate answer.

## **Options :**

- 1. A is false, but R is true.
- 2. A is true, but R is false
- 3. Both A and R are true, but R is not the correct explanation of A.
- 4. Both A and R are true and R is the correct explanation of A.
- 5.

Answer : Both A and R are true and R is the correct explanation of A.

• Question No. 56

Select the Venn diagram that best illustrates the relationship between the following classes.

Oak, Maple and Furniture

- 1.
- 2.
  3.
- 4.

**Options :** 



1.1 2.2 3.3

4. 4

5.

Answer : 2

• Question No. 57

Select the correct option to complete the following analogy.

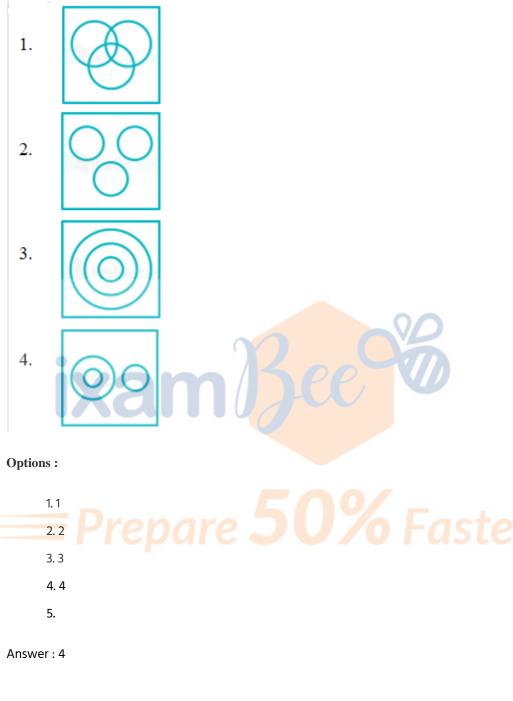


• Question No. 58

Which diagram correctly represents the relationship of pigeons, birds, dogs?

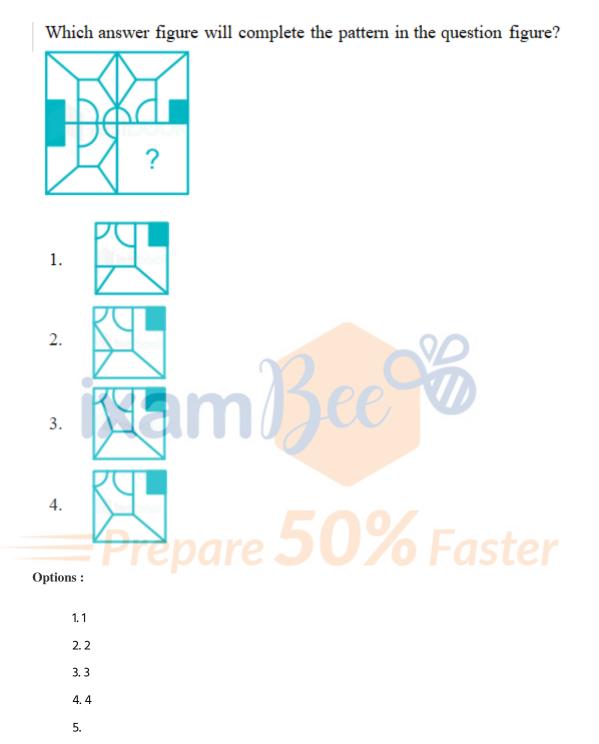
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• Question No. 59





Answer: 4

• Question No. 60

Divya travels 15 km south, turns left and travels 40 km to reach at the college gate. She then turns right and travels 50 km. Finally, she turns right and travels 40 km. How much minimum distance does she have to travel to go back to



the starting point?

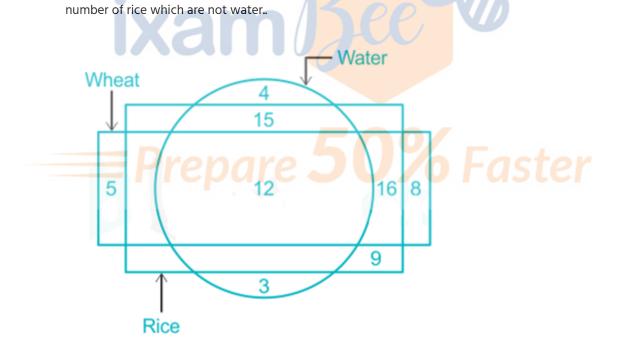
# **Options :**

- 1. 65 km
- 2. 50 km
- 3. 40 km
- 4. 45 km
- 5.

Answer : 65 km

• Question No. 61

In the given diagram, Circle represent Water, Rectangle represent Wheat and Square represent Rice. Find the



**Options :** 

1.9

- 2. 25
- 3. 16
- 4. 5



5.

Answer : 25

• Question No. 62

In the given Venn diagram, the rectangle 'people having blue eyes', the triangle represents 'people having extra fingers', and the circle represents 'people having dimples'.



The number of people who have extra fingers and blue eyes and no dimples is A and if the number of people who have extra fingers and dimples and no blue eyes is B. What is the sum of A and B?

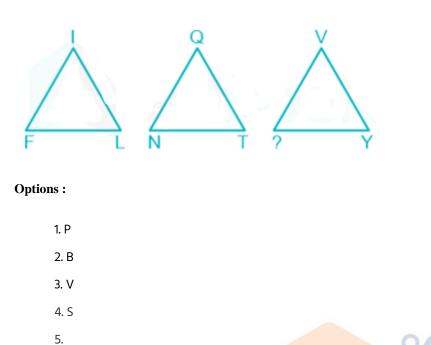


Question No. 63

Find the missing character.

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- Answer : S
- Question No. 64

If P denotes 'Addition', Q denotes 'Division', R denotes 'Multiplication' and S denotes 'Subtraction', then which of the statements given below is/are correct.

```
Statement I: 32 Q 4 P 16 S 4 R 2 = 24
```

Statement II: 27 Q 3 R 2 P 5 S 7 = 16

## **Options :**

- 1. Only I
- 2. Only II
- 3. Both I and II
- 4. Neither I nor II
- 5.

Answer : Only II

• Question No. 65



Rearrange the jumbled-up letters in their natural sequence and find the odd one out.

# **Options :**

- 1. TOGA
- 2. GEPONI
- 3. RARPOT
- 4. LEEGA
- 5.

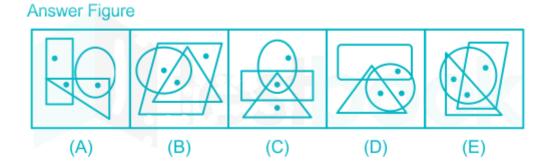
Answer : TOGA

• Question No. 66

From amongst the figures (A), (B), (C), (D) and (E), select the figure which satisfies the same conditions of placement of the dots as in figure (X)

**Problem Figure** 





- 1. B
- 2. C
- 3. E



4. D

5.

Answer : B

• Question No. 67

Four letter-clusters have been given out of which three are alike in some manner and one is different. Select the odd one.

## **Options :**

- 1. NGMAO
- 2. CNILPE
- 3. ANNABA
- 4. APELP

```
Answer : CNILPE
```

5.

• Question No. 68

K walks 10 km towards North. From there he walks 6 km towards South. Then he walks 3 km towards East. How far and in which direction is he with reference to his starting point?

## **Options :**

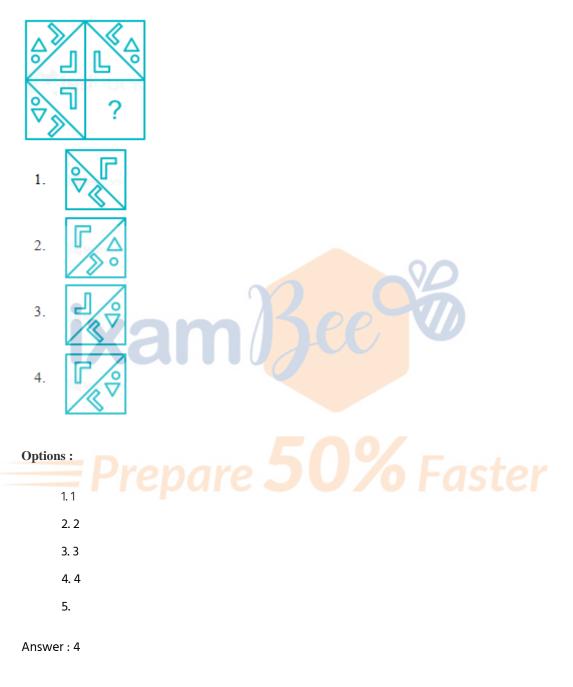
- 1. 5 km West
- 2.5 km North-east
- 3.7 km East
- 4.7 km West
- 5.

Answer : 5 km North-east

• Question No. 69



Select a figure amongst the four alternatives that when placed in the blank space(?) of figure X will complete the pattern. (Rotation is not allowed).



# • Question No. 70

Point B is 3m North of point A. Point C is 3m West of point B. Point D is 5m South of point C. Point E is 7m East of point D. In which of the following directions is point E, with reference to point B?



1. South-East

2. East

3. West

4. South

5.

Answer : South-East

• Question No. 71

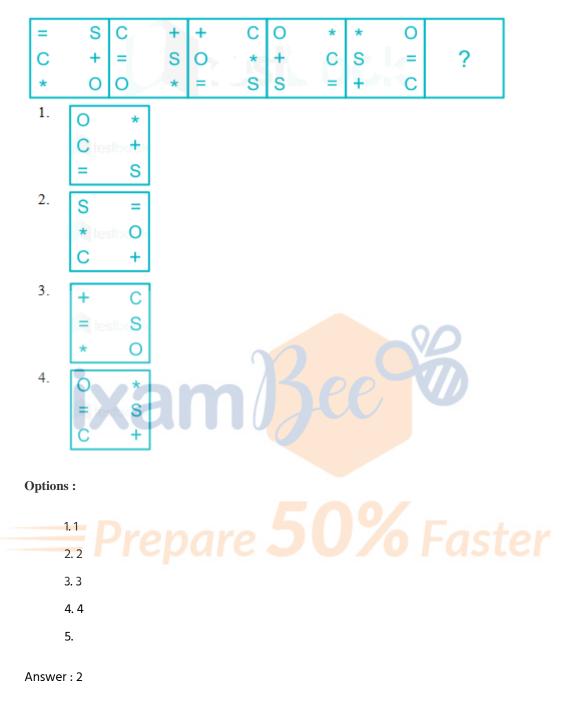
If 'L' means 'x', 'M' means '-', 'N' means '+', and 'O' means '÷', then what will be the value of the following expression?



• Question No. 72

Select the figure from among the given options that can replace the question mark (?) in the following series.





<sup>•</sup> Question No. 73

In a certain code language, 'BREAD' is written as 'JGKXH ' and 'DANCE' is written as 'KITGJ'. How will 'CROWN' be written in that language?

# **Options :**

1. TCUXI



2. SCUXI 3. TCUXJ 4. TDUXI

5.

Answer : TCUXI

• Question No. 74

If Neelam says, "Anita's father Raj Is the only son of my father-in-law Sunil", then how is Kavita, who is the sister of Anita, related to Sunil?

## **Options :**

Grand Daughter
 Niece
 Daughter
 Daughter-in-law
 S.

Answer : Grand Daughter

• Question No. 75

A is the brother-in-law of B. B is the daughter of M who is the wife of G. J is the father of N. N is the only son-in-law of G. B is the daughter-in-law of C who is grandparent of F. Then how is A related to F?

#### **Options :**

- 1. Paternal uncle
- 2. Maternal uncle
- 3. Brother
- 4. Grandfather
- 5.

Answer : Paternal uncle



Select the related word from the given alternatives.

School : Principal :: Newspaper : ?

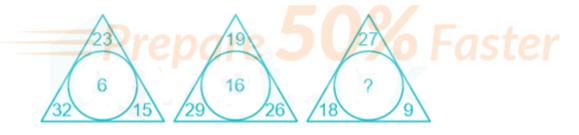
# **Options :**

- 1. Editor
- 2. Printer
- 3. Reporter
- 4. Distributor
- 5.

Answer : Editor

• Question No. 77

Study the pattern in the first two pictures and then choose the number that can replace the question mark (?) in the third picture.



## **Options :**

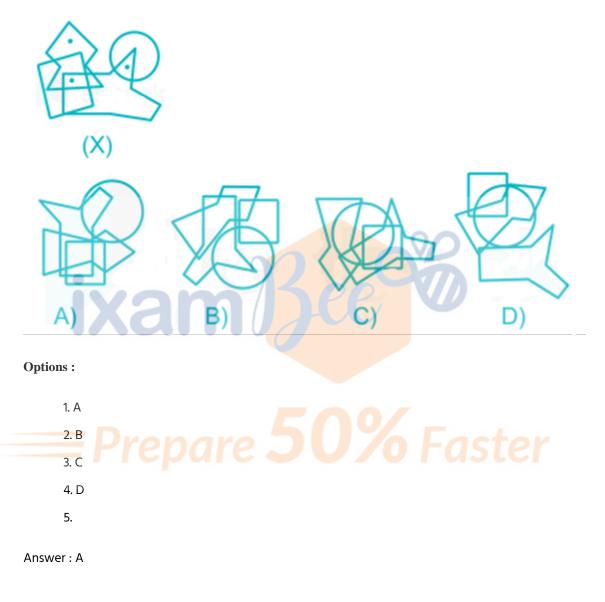
1. 22

- 2.18
- 3.26
- 4. 16
- 5.

Answer : 18



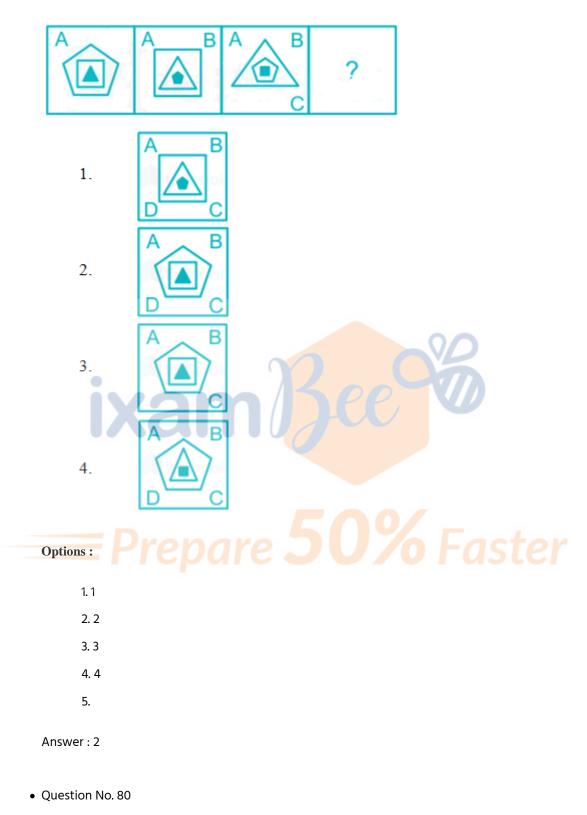
Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



• Question No. 79

Select the figure that will come next in the following figure series.





In a code language, the word 'MISTER' is coded as SGWWNS and the word 'FOREST' is coded as 'UUHVTL', then the code for the word 'PERSON', in the same code language is



## **Options :**

1. OPVUJW

- 2. OQVVJV
- 3. OQWVKV
- 4. OPWUKW
- 5.

Answer : OQVVJV

## • Question No. 81

The average age of a man and his son is 40 years. The ratio of their ages is 11 : 5 respectively. What is the son's age?



• Question No. 82

Which one among the following is the largest?

# **Options :**

1. 7/9 2. 11/14 3. 3/4 4. 10/13 5.

Answer : 11/14



Out of four numbers, the average of the first three is 16 and that of the last three is 15. If the last number is 21 then the first number is:

## **Options :**

1. 22

- 2. 21 3. 24
- 4. 28
- 5.

Answer : 24

• Question No. 84

A man buys 2 dozen bananas at Rs.16 per dozen. After selling 18 bananas at the rate of Rs.12 per dozen, the shopkeeper reduced the rate to Rs. 4 per dozen. Find the loss percentage.

# **Options :**

1. 37 % Faster 2. 37.5 % 3. 38 % 4. 38.5 % 5. Answer : 37.5 %

Question No. 85

A container contains 40 litres of milk. From this container, 4 litres of milk were taken out and replaced by water. This process was repeated further two times. How much milk is now contained by the container?

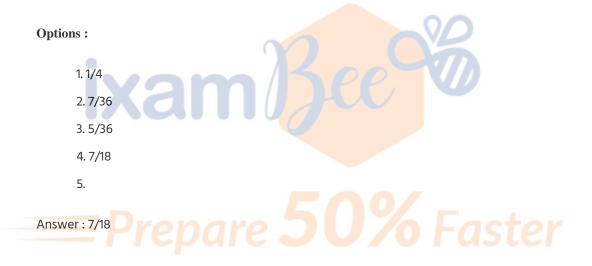


1. 31.5 liter
 2. 32 liter
 3. 29.16 liter
 4. 28 liter
 5.

Answer : 29.16 liter

• Question No. 86

Two dice are thrown together. What is the probability that the sum of the numbers on the two faces is divisible by 4 or 6?



• Question No. 87

The denominator of a fraction is 4 more than twice the numerator. When both the numerator and denominator are decreased by 6, then the denominator becomes 12 times the numerator. Determine the fraction.

# **Options :**

1. 18/7 2. 16/7 3. 7/18 4. 7/16 5.

Answer : 7/18



94 is divided into two parts in such a way that the fifth part of the first and the eighth part of the second are in the ratio 3 : 4 The first part is:

**Options :** 

1. 30

2.36

3. 50

4.64

5.

Answer: 30

• Question No. 89

The area of a circular field is 13.86 hectares. Find the cost of fencing it at the rate of Rs. 4.40 per metre.

## **Options :**

1. 2808 2. 3808 3. 4808 4. 5808 5.

Answer : 5808

• Question No. 90

Machine P can print one lakh books in 8 hours, machine Q can print the same number of books in 10 hours while machine R can print them in 12 hours. All the machines are started at 9 A.M. while machine P is closed at 11 A.M. and the remaining two machines complete work. Approximately at what time will the work (to print one lakh books) be finished?



## **Options :**

1. 11:30 A.M. 2.12 noon

- 3.12:30 P.M
- 4.1:00 P.M.
- 5.

Answer : 1:00 P.M.

#### • Question No. 91

The simple interest on a certain sum of money at the rate of 5 p.a. for 8 years is Rs. 840. The rate of interest for which the same amount of interest can be received on the same sum after 5 years is



# • Question No. 92

A train leaves Meerut at 5 a.m. and reaches Delhi at 9 a.m. Another train leaves Delhi at 7 a.m. and reaches Meerut at 10:30 a.m. At what time do the two trains cross each other?

- 1.6:36 A.M 2.6:56 A.M
- 3.7:36 A.M
- 4.7:56 A.M



5.

Answer : 7 : 56 A.M

• Question No. 93

A train 100 metres long, moving at a speed of 50 km per hour, crosses another train 120 metres long coming from the opposite direction in 6 seconds. What is the speed of the second train?

**Options :** 1.132 kmph 2.82 kmph 3.60 kmph 4. 50 kmph 5. Answer : 82 kmph • Question No. 94 The vale of the expression  $(2.25^2 - 1.25^2) / (2.25 - 1.25)$  is **Options :** 1.1 2.2.5 3. 3.5 4.3 5. Answer: 3.5

• Question No. 95

Simplify: 11(1/9) % of 9(1/11) % of 7(1/7) % of 6(1/4) % of 11088.



## **Options :**

1. 0.677

- 2. 0.500
- 3. 0.125
- 4. 0.333
- 5.

Answer : 0.500

# • Question No. 96

What is the compound interest on a sum of ₹19,500 invested for 1(2/5) years at 10% p.a., interest compounded annually?



Answer : ₹2,808

• Question No. 97

Which of the following fraction can be written as a Non-terminating decimal?

- 1.7/18
- 2.11/250
- 3. 21/28
- 4. None of these
- 5.



Answer : 7/18

• Question No. 98

The ratio of efficiencies of X and Y for doing a certain work is 5 []9. Working together, they can complete a work in 15 days. X alone will complete 66(2/3)% of the same work in?

**Options :** 

1. 28 days 2. 24 days 3. 35 days 4. 30 days 5.

Answer : 28 days

• Question No. 99

A milkman makes 20% profit by selling milk mixed with water at Rs.8 per litre. If the cost price of pure milk is Rs. 10 per litre then the ratio of milk and water in the given mixture.

<b>Options</b> :	
1. 2:1	
2. 1:2	
3. 1:3	
4. 3:1	
5.	
Answer : 2:1	

• Question No. 100

At what time between 3 o'clock and 4 o'clock, both the hands of a clock will coincide with each other?



1. 16(2/11) minutes past 3

2.16(4/11) minutes past 3

3. 15(4/11) minutes past 3

4. 15(2/11) minutes past 3

5.

Answer : 16(4/11) minutes past 3

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