

**QUESTION PAPER**  
**Forest Guard [SHIFT - 1]**

Exam Date : 06/09/2023

Time : 09:30 AM - 11:30 AM

**SECTION 1**

**Question 1**

Which planet is known as "Water Planet"?

Answer :

- (A) Mercury
- (B) Venus
- (C) Neptune
- (D) Earth

**Right Answer :**  
Earth

**Question Id : 1**

Option Id

- ☐ 1001
- ☐ 1002
- ☐ 1003
- ☐ 1004

**Right Option Id : 1004**

**Question 2**

Helley's comet appears once in \_\_\_\_\_ years.

Answer :

- (A) 85
- (B) 76
- (C) 95
- (D) 55

**Right Answer :**  
76

**Question Id : 24**

Option Id

- ☐ 24001
- ☐ 24002
- ☐ 24003
- ☐ 24004

**Right Option Id : 24002**

**Question 3**

Which colour is given by phenolphthalein in basic medium?

Answer :

- (A) Pink
- (B) Yellow
- (C) Red
- (D) Brown

**Right Answer :**  
Pink

**Question Id : 25**

Option Id

- ☐ 25001
- ☐ 25002
- ☐ 25003
- ☐ 25004

**Right Option Id : 25001**

**Question 4**

Which one is correct according to laws of reflection of light?

Answer :

- (A) Angle of incidence is equal to the angle of reflection
- (B) Angle of incidence is less than the angle of reflection
- (C) Angle of incidence is greater than the angle of reflection
- (D) None of these

**Question Id : 26**

Option Id

- ☐ 26001
- ☐ 26002
- ☐ 26003
- ☐ 26004

**Right Answer :**

Angle of incidence is equal to the angle of reflection

**Right Option Id : 26001**

**Question 5**

The building blocks of protein are \_\_\_\_.

**Answer :**

- (A) Saccharides
- (B) Fatty acid
- (C) Carbon
- (D) Amino acid

**Question Id : 27**

Option Id

- ☐ 27001
- ☐ 27002
- ☐ 27003
- ☐ 27004

**Right Answer :**

Amino acid

**Right Option Id : 27004**

**Question 6**

An outbreak of disease in a community in excess of normal expectation is called \_\_\_\_.

**Answer :**

- (A) epidemic
- (B) endemic
- (C) sporadic
- (D) pandemic

**Question Id : 28**

Option Id

- ☐ 28001
- ☐ 28002
- ☐ 28003
- ☐ 28004

**Right Answer :**

epidemic

**Right Option Id : 28001**

**Question 7**

The rate of change of momentum is known as which of the following?

**Answer :**

- (A) Momentum
- (B) Acceleration
- (C) Velocity
- (D) Force

**Question Id : 32**

Option Id

- ☐ 32001
- ☐ 32002
- ☐ 32003
- ☐ 32004

**Right Answer :**

Force

**Right Option Id : 32004**

**Question 8**

What is the total energy of a satellite orbiting earth?

**Answer :**

- (A) Positive
- (B) Zero
- (C) Negative
- (D) Depends on mass of satellite

**Question Id : 30**

Option Id

- ☐ 30001
- ☐ 30002
- ☐ 30003
- ☐ 30004

**Right Answer :**

Negative

**Right Option Id : 30003**

**Question 9**

**Question Id : 31**

How do diamagnetic materials behave in external magnetic field?

Answer :

- (A) They move from stronger to weaker part of magnetic field
- (B) They move from weaker to stronger part of magnetic field
- (C) They are not affected by magnetic field
- (D) Their behaviour depends upon their size

Option Id

- ☐ 31001
- ☐ 31002
- ☐ 31003
- ☐ 31004

**Right Answer :**

They move from stronger to weaker part of magnetic field

**Right Option Id : 31001**

**Question 10**

What is the full form of LASER?

Answer :

- (A) Light Amplification by Stimulated Emission of Radiation
- (B) Light Amplification by Straight Emission of Radiation
- (C) Light Amplification by Severe Emission of Radiation
- (D) Light And Stimulated Emission of Radiation

**Question Id : 23**

Option Id

- ☐ 23001
- ☐ 23002
- ☐ 23003
- ☐ 23004

**Right Answer :**

Light Amplification by Stimulated Emission of Radiation

**Right Option Id : 23001**

**Question 11**

Which one of the following can be used as fuel in Nuclear reactor?

Answer :

- (A) Petrol
- (B) Uranium
- (C) Sodium
- (D) Mercury

**Question Id : 33**

Option Id

- ☐ 33001
- ☐ 33002
- ☐ 33003
- ☐ 33004

**Right Answer :**

Uranium

**Right Option Id : 33002**

**Question 12**

Which gate gives inverted version of the input as its output

Answer :

- (A) AND gate
- (B) OR gate
- (C) NOT gate
- (D) NAND gate

**Question Id : 35**

Option Id

- ☐ 35001
- ☐ 35002
- ☐ 35003
- ☐ 35004

**Right Answer :**

NOT gate

**Right Option Id : 35003**

**Question 13**

Name the unit in which noise of sound is measured

Answer :

- (A) Ampere
- (B) Hertz

**Question Id : 40**

Option Id

- ☐ 40001

- (C) Ohm  
(D) Decibel

☐ 40002  
☐ 40003  
☐ 40004

**Right Answer :**  
Decibel

**Right Option Id : 40004**

**Question 14**

Petroleum (Crude oil) is a complex mixture of thousands of substances the majority of which are \_\_\_\_\_.

Answer :

- (A) hydrocarbons  
(B) natural gases  
(C) complex carbohydrates  
(D) cellulose-based substances

**Question Id : 39**

Option Id

☐ 39001  
☐ 39002  
☐ 39003  
☐ 39004

**Right Answer :**  
hydrocarbons

**Right Option Id : 39001**

**Question 15**

Which of the following site is the most recent Ramsar site of Gujarat?

Answer :

- (A) Thol Lake Wildlife Sanctuary  
(B) Nalsarovar Bird Sanctuary  
(C) Khijadia Wildlife Sanctuary  
(D) Wadhvana Wetland

**Question Id : 38**

Option Id

☐ 38001  
☐ 38002  
☐ 38003  
☐ 38004

**Right Answer :**  
Khijadia Wildlife Sanctuary

**Right Option Id : 38003**

**Question 16**

Bogs and Fens are \_\_\_\_\_ type of ecosystem

Answer :

- (A) Wetland  
(B) Grassland  
(C) Savanna  
(D) Boreal forest

**Question Id : 34**

Option Id

☐ 34001  
☐ 34002  
☐ 34003  
☐ 34004

**Right Answer :**  
Wetland

**Right Option Id : 34001**

**Question 17**

Match the following National Parks with their respective locations.

- (a) Raimona National Park - (i) Karnataka  
(b) Kudremukh National Park - (ii) Rajasthan  
(c) Sariska National Park - (iii) Assam  
(d) Keibul- Lamjao National Park - (iv) Manipur

Answer :

- (A) (a) – (iv), (b) – (ii), (c) – (iii), (d) – (i)  
(B) (a) – (iii), (b) – (i), (c) – (ii), (d) – (iv)

**Question Id : 36**

Option Id

☐ 36001  
☐ 36002

(C) (a) – (iv), (b) – (iii), (c) – (i), (d) – (ii)

☐ 36003

(D) (a) – (iii), (b) – (ii), (c) – (i), (d) – (iv)

☐ 36004

**Right Answer :**

(a) – (iii), (b) – (i), (c) – (ii), (d) – (iv)

**Right Option Id : 36002**

#### Question 18

The diversity within a particular area or ecosystem which is usually expressed by the number of species is called\_\_\_\_\_.

**Answer :**

(A) Alpha diversity

(B) Beta diversity

(C) Gamma diversity

(D) Delta diversity

**Question Id : 37**

Option Id

☐ 37001

☐ 37002

☐ 37003

☐ 37004

**Right Answer :**

Alpha diversity

**Right Option Id : 37001**

#### Question 19

Which one of the following organization releases the Red Data Book?

**Answer :**

(A) WHO

(B) IUCN

(C) WWF

(D) FAO

**Question Id : 29**

Option Id

☐ 29001

☐ 29002

☐ 29003

☐ 29004

**Right Answer :**

IUCN

**Right Option Id : 29002**

#### Question 20

Match the following types of forests with their respective characters (According to National Forest Policy, 1952).

(a) Protected forest (i) Maintained for providing firewood and small timber

(b) National forest (ii) Managed to meet the needs (Defence and industry)

(c) Village forest (iii) Essential for preservation of physical and climatic conditions

**Answer :**

(A) (a) – (i), (b) – (ii), (c) – (iii)

(B) (a) – (iii), (b) – (i), (c) – (ii)

(C) (a) – (ii), (b) – (iii), (c) – (i)

(D) (a) – (iii), (b) – (ii), (c) – (i)

**Question Id : 22**

Option Id

☐ 22001

☐ 22002

☐ 22003

☐ 22004

**Right Answer :**

(a) – (iii), (b) – (ii), (c) – (i)

**Right Option Id : 22004**

#### Question 21

Which of the following statements are true?

i. In nitrogen cycle, atmospheric phase is predominant

ii. In nitrogen cycle, process of deamination done by Pseudomonas bacteria

iii. Nostoc and Azotobacter plays important role in nitrogen fixation

**Answer :**

(A) i and ii

(B) ii and iii

**Question Id : 2**

Option Id

☐ 2001

☐ 2002

(C) i and iii

☐ 2003

(D) i, ii and iii

☐ 2004

**Right Answer :**

i and iii

**Right Option Id : 2003**

**Question 22**

Choose the correct pair of plants which is not used in preparation of dyes?

**Question Id : 20**

**Answer :**

**Option Id**

(A) Amla, Ritha, Lal Chandan

☐ 20001

(B) Haldi, Mehendi, Ritha

☐ 20002

(C) Kala Siris, Amla, Haldi

☐ 20003

(D) Lal Chandan, Saag, Kala Siris

☐ 20004

**Right Answer :**

Lal Chandan, Saag, Kala Siris

**Right Option Id : 20004**

**Question 23**

The objective of Biological Diversity Act, 2002 is \_\_\_\_\_.

**Question Id : 3**

**Answer :**

**Option Id**

(A) To prevent the deforestation and conservation of forests

☐ 3001

(B) To regulate the transit of forest produce and duty leviable on timber and forest produce

☐ 3002

(C) Sustainable use of biological diversity components and equitable sharing of the benefits of biological resources

☐ 3003

(D) To regulate diversion of forest land by way of lease to private industries and individuals

☐ 3004

**Right Answer :**

Sustainable use of biological diversity components and equitable sharing of the benefits of biological resources

**Right Option Id : 3003**

**Question 24**

Match the following aquatic plants with their respective habitat.

**Question Id : 21**

(a) Nymphaea -(i) Free floating

(b) Eichornia -(ii) Submerged

(c) Valisneria -(iii) Attached floating

**Answer :**

**Option Id**

(A) (a) – (iii), (b) – (i), (c) – (ii)

☐ 21001

(B) (a) – (ii), (b) – (i), (c) – (iii)

☐ 21002

(C) (a) – (i), (b) – (ii), (c) – (iii)

☐ 21003

(D) (a) – (iii), (b) – (ii), (c) – (i)

☐ 21004

**Right Answer :**

(a) – (iii), (b) – (i), (c) – (ii)

**Right Option Id : 21001**

**Question 25**

The secretariate of the United Nations Framework Convention on Climate Change (UNFCCC) is at which among the following place?

**Question Id : 4**

**Answer :**

**Option Id**

(A) New York, USA

☐ 4001

(B) Rome, Italy

☐ 4002

(C) Nairobi, Kenya

(D) Bonn, Germany

☐ 4003

☐ 4004

**Right Answer :**

Bonn, Germany

**Right Option Id : 4004**

**Question 26**

On which factor forest type is mainly dependent?

Answer :

(A) Abiotic

(B) Size of the forest

(C) Shape of trees

(D) Products from the trees

**Question Id : 5**

Option Id

☐ 5001

☐ 5002

☐ 5003

☐ 5004

**Right Answer :**

Abiotic

**Right Option Id : 5001**

**Question 27**

Babool, ber and wild date palm, khair, neem, khejri, palas, etc are the main species of \_\_\_\_\_.

Answer :

(A) Tropical Deciduous Forests

(B) Tropical Thorn Forests

(C) Tropical Evergreen and Semi Evergreen Forests

(D) Montane Forests

**Question Id : 6**

Option Id

☐ 6001

☐ 6002

☐ 6003

☐ 6004

**Right Answer :**

Tropical Thorn Forests

**Right Option Id : 6002**

**Question 28**

India's first-ever Dark Sky Reserve is a part of which of the following Wildlife Sanctuaries?

Answer :

(A) Changthang Wildlife Sanctuary

(B) Pobitora Wildlife Sanctuary

(C) Chakrashila Wildlife Sanctuary

(D) Karakoram Wildlife Sanctuary

**Question Id : 7**

Option Id

☐ 7001

☐ 7002

☐ 7003

☐ 7004

**Right Answer :**

Changthang Wildlife Sanctuary

**Right Option Id : 7001**

**Question 29**

\_\_\_\_\_, launched in India in 2014, is an effective dissemination tool to inform people about air quality

Answer :

(A) Air Quality Management System

(B) National Air Quality Index

(C) National Ambient Air Quality Standard

(D) Air Pollution Management and Modeling

**Question Id : 8**

Option Id

☐ 8001

☐ 8002

☐ 8003

☐ 8004

**Right Answer :**  
National Air Quality Index

**Right Option Id : 8002**

**Question 30**

Which of the following characteristics differentiates bryophytes from algae?

Answer :

- (A) They lack vascular tissue
- (B) The plant body is thalloid
- (C) They have chloroplasts
- (D) They possess archegonia

**Question Id : 9**

Option Id

- ☐ 9001
- ☐ 9002
- ☐ 9003
- ☐ 9004

**Right Answer :**  
They possess archegonia

**Right Option Id : 9004**

**Question 31**

Which among the following type of soil has the largest area covered in India?

Answer :

- (A) Alluvial
- (B) Black
- (C) Red
- (D) Laterite

**Question Id : 10**

Option Id

- ☐ 10001
- ☐ 10002
- ☐ 10003
- ☐ 10004

**Right Answer :**  
Alluvial

**Right Option Id : 10001**

**Question 32**

Which of the following type of soils has the highest phosphorus fixing capacity?

Answer :

- (A) Laterite
- (B) Black
- (C) Red
- (D) Loamy

**Question Id : 11**

Option Id

- ☐ 11001
- ☐ 11002
- ☐ 11003
- ☐ 11004

**Right Answer :**  
Red

**Right Option Id : 11003**

**Question 33**

DDT is \_\_\_\_\_.

Answer :

- (A) Biodegradable
- (B) Non-biodegradable
- (C) Growth enhancer
- (D) Tranquilizer

**Question Id : 12**

Option Id

- ☐ 12001
- ☐ 12002
- ☐ 12003
- ☐ 12004

**Right Answer :**  
Non-biodegradable

**Right Option Id : 12002**



**Question 34**

Potassium is used as fertilizer for which purpose?

Answer :

- (A) Development of stems and leaves
- (B) Accelerating seeding
- (C) To prevent disease in crops
- (D) Early stages of plant growth

**Question Id : 13**

Option Id

- ☐ 13001
- ☐ 13002
- ☐ 13003
- ☐ 13004

**Right Answer :**

To prevent disease in crops

**Right Option Id : 13003**

**Question 35**

Which of the following statements is true for an amorphous solid?

Answer :

- (A) Long range order is present
- (B) Short range order is present
- (C) There is no orderly arrangement
- (D) Complete order is present at lower temperatures

**Question Id : 14**

Option Id

- ☐ 14001
- ☐ 14002
- ☐ 14003
- ☐ 14004

**Right Answer :**

Short range order is present

**Right Option Id : 14002**

**Question 36**

In which chapter of Wildlife Protection Act 1972, National parks and Wildlife Sanctuaries are included?

Answer :

- (A) Chapter I
- (B) Chapter II
- (C) Chapter III
- (D) Chapter IV

**Question Id : 15**

Option Id

- ☐ 15001
- ☐ 15002
- ☐ 15003
- ☐ 15004

**Right Answer :**

Chapter IV

**Right Option Id : 15004**

**Question 37**

Copper sulphate crystals are actually pentahydrate crystals of copper sulphate. Copper sulphate pentahydrate has the following molecular formula

Answer :

- (A)  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
- (B)  $\text{CuSO}_4 + \text{H}_2\text{O}$
- (C)  $\text{CuSO}_4$
- (D)  $\text{CuSO}_4 + 5\text{H}_2\text{O}$

**Question Id : 16**

Option Id

- ☐ 16001
- ☐ 16002
- ☐ 16003
- ☐ 16004

**Right Answer :**

$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

**Right Option Id : 16001**

**Question 38**

Which among the following are fat soluble vitamins?

Answer :

- (A) Vitamin A, D, E, K

**Question Id : 17**

Option Id

- ☐ 17001

(B) Vitamin B, C

☐ 17002

(C) Vitamin B1, B2, B12

☐ 17003

(D) Vitamin B7, B6

☐ 17004

**Right Answer :**

Vitamin A, D, E, K

**Right Option Id : 17001**

**Question 39**

What is the substance which prevents the growth and development of micro-organism?

Answer :

(A) Disinfectant

Option Id

☐ 18001

(B) Antiseptic

☐ 18002

(C) Aseptic

☐ 18003

(D) Infection

☐ 18004

**Right Answer :**

Antiseptic

**Right Option Id : 18002**

**Question 40**

As per ISFR- 2021, which of the following states has the largest forest cover (area) in the country?

Answer :

(A) Nagaland

Option Id

☐ 19001

(B) Tamil Nadu

☐ 19002

(C) Mizoram

☐ 19003

(D) Madhya Pradesh

☐ 19004

**Right Answer :**

Madhya Pradesh

**Right Option Id : 19004**

**SECTION 2**

**Question 41**

If the HCF of 65 and 117 is expressible in the form  $65m - 117$ , then the value of  $m$  is

Answer :

(A) 2

Option Id

☐ 42001

(B) 3

☐ 42002

(C) 4

☐ 42003

(D) None of this

☐ 42004

**Right Answer :**

2

**Right Option Id : 42001**

**Question 42**

Navin has Rs.9000 in a savings account that earns 10% annually. The interest is not compounded. How much amount will he have in 2 years ?

Answer :

(A) 10800

Option Id

☐ 43001

(B) 11800

☐ 43002

(C) 10500

☐ 43003

(D) 10000

☐ 43004

**Right Answer :**

10800

**Right Option Id : 43001**

**Question 43**

Renu sold sofa at loss of 8%. She bought sofa for Rs. 8000. What could be her selling prize now?

Answer :

(A) 7430

(B) 7360

(C) 7550

(D) None of these

**Question Id : 44**

Option Id

☐ 44001

☐ 44002

☐ 44003

☐ 44004

**Right Answer :**

7360

**Right Option Id : 44002**

**Question 44**

A boat goes 30km upstream and 44km downstream in 10 hours. In 13 hours, it can go 40 km upstream and 55km downstream. Determine the speed of the stream and that of boat in still water

Answer :

(A) Speed of the boat in still water=8 km/hr and speed of stream =3 km/hr

(B) Speed of the boat in still water=8 km/hr and speed of stream =4 km/hr

(C) Speed of the boat in still water=7 km/hr and speed of stream =3 km/hr

(D) Speed of the boat in still water=7 km/hr and speed of stream =4 km/hr

**Question Id : 45**

Option Id

☐ 45001

☐ 45002

☐ 45003

☐ 45004

**Right Answer :**

Speed of the boat in still water=8 km/hr and speed of stream =3 km/hr

**Right Option Id : 45001**

**Question 45**

Mr. Patel borrows Rs. 10,000 to pay for new furniture. They will pay back the loan by making 12 monthly payments of Rs. 1085. How much does loan cost?

Answer :

(A) 13030

(B) 13020

(C) 13040

(D) None of these

**Question Id : 46**

Option Id

☐ 46001

☐ 46002

☐ 46003

☐ 46004

**Right Answer :**

13020

**Right Option Id : 46002**

**Question 46**

What is surface area of closed rectangular box having height 3 cm, base 4 cm and length 5 cm?

Answer :

(A)  $94 \text{ cm}^2$

(B)  $49 \text{ cm}^2$

(C)  $98 \text{ cm}^2$

(D)  $47 \text{ cm}^2$

**Question Id : 47**

Option Id

☐ 47001

☐ 47002

☐ 47003

☐ 47004

**Right Answer :**

94 cm<sup>2</sup>

**Right Option Id : 47001**

**Question 47**

A train 240 m long passes a pole in 24 seconds. How long will it take to pass a platform 650 m long?

**Answer :**

- (A) 65 Sec  
(B) 89 Sec  
(C) 100 Sec  
(D) 150 Sec

**Question Id : 48**

**Option Id**

- ☐ 48001  
☐ 48002  
☐ 48003  
☐ 48004

**Right Answer :**

89 Sec

**Right Option Id : 48002**

**Question 48**

Find the area of triangle with base 3 cm and height 4 cm.

**Answer :**

- (A) 6 cm  
(B) 6 cm<sup>2</sup>  
(C) 12 cm  
(D) 12 cm<sup>2</sup>

**Question Id : 49**

**Option Id**

- ☐ 49001  
☐ 49002  
☐ 49003  
☐ 49004

**Right Answer :**

6 cm<sup>2</sup>

**Right Option Id : 49002**

**Question 49**

Pointing to a photograph, a woman said, "His father is the only son of my daughter's grandmother's husband." How is the person in the photograph related to the woman?

**Answer :**

- (A) Husband  
(B) Brother  
(C) Son  
(D) Father

**Question Id : 41**

**Option Id**

- ☐ 41001  
☐ 41002  
☐ 41003  
☐ 41004

**Right Answer :**

Son

**Right Option Id : 41003**

**Question 50**

If in certain language HOPEFUL is coded as KLSVIFO, then how is CAPTAIN coded in that same code?

**Answer :**

- (A) FZSGZRO  
(B) GEGSRDQ  
(C) FZSGCLQ  
(D) FZSGDRQ

**Question Id : 50**

**Option Id**

- ☐ 50001  
☐ 50002  
☐ 50003  
☐ 50004

**Right Answer :**

FZSGDRQ

**Right Option Id : 50004**

**Question 51**

Find suitable answer in place of question mark.

392 : 15 :: 521 : ?

Answer :

(A) 7

(B) 13

(C) 17

(D) 21

Question Id : 53

Option Id

☐ 53001

☐ 53002

☐ 53003

☐ 53004

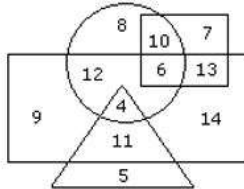
Right Answer :

7

Right Option Id : 53001

**Question 52**

In the following diagram rectangle represents men, Triangle represents educated, Circle represents urban and square represents government employees.



Which one of the following represents the educated men but not urban ?

Answer :

(A) 9

(B) 5

(C) 4

(D) 11

Option Id

☐ 65001

☐ 65002

☐ 65003

☐ 65004

Right Answer :

11

Right Option Id : 65004

**Question 53**

Find the missing number in the given series following the same pattern.

15, 17, 23, 35, 55, 85, (?)

Answer :

(A) 92

(B) 112

(C) 120

(D) 127

Question Id : 64

Option Id

☐ 64001

☐ 64002

☐ 64003

☐ 64004

Right Answer :

127

Right Option Id : 64004

**Question 54**

In following question statements, are given and these statements are followed by conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

Statements: All the bottles are boxes. Some boxes are bags. Some bags are suitcases.

Conclusions:

(I) Some bags are bottles.

(II) Some suitcases are boxes.

(III) Some bottles are bags.

(IV) Some bottles are suitcases.

Answer :

(A) Only (I)

Question Id : 63

Option Id

(B) Only (II)

(C) Only (III)

(D) None of these

☐ 63001

☐ 63002

☐ 63003

☐ 63004

**Right Answer :**

None of these

**Right Option Id : 63004**

**Question 55**

Choose the alternative which closely resembles the water image of the given combination

**BK50RP62**

Answer :

(A) **BK20PB95**

(B) **BK50PB95**

(C) **BK20PB95**

(D) **BK20PB95**

**Question Id : 62**

Option Id

☐ 62001

☐ 62002

☐ 62003

☐ 62004

**Right Answer :**

**BK20PB95**

**Right Option Id : 62004**

**Question 56**

You have planned to buy a cricket set by selling your old books. You found a buyer that was willing to buy those books but was falling short of some amount, although he was very much in need of those books. You will:

Answer :

(A) not sell

(B) Pressure him to give the extra money

(C) Help them out by giving away the books for free

(D) Ask them to give less money to meet both the requirements

**Question Id : 61**

Option Id

☐ 61001

☐ 61002

☐ 61003

☐ 61004

**Right Answer :**

Ask them to give less money to meet both the requirements

**Right Option Id : 61004**

**Question 57**

Find the missing number in the given series following the same pattern.

29AI, 3CL8, FO47, 56JR, (?)

Answer :

(A) 5OU6

(B) 6NV5

(C) 5OV6

(D) 6OU5

**Question Id : 60**

Option Id

☐ 60001

☐ 60002

☐ 60003

☐ 60004

**Right Answer :**

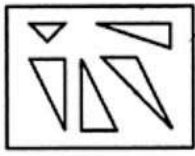
6OU5

**Right Option Id : 60004**

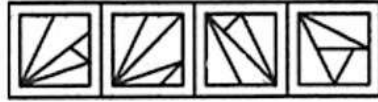
**Question 58**

Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X).

**Question Id : 52**



(X)



(1)

(2)

(3)

(4)

Answer :

(A) (1)

(B) (2)

(C) (3)

(D) (4)

Option Id

☐ 52001

☐ 52002

☐ 52003

☐ 52004

Right Answer :

Right Option Id : 52003

#### Question 59

Question Id : 58

Select the alternative which represents three out of the five alternative figures which when fitted into each other would form a complete square.



(1)



(2)



(3)



(4)



(5)

Answer :

(A) (3),(4),(5)

(B) (1),(3),(4)

(C) (1),(2),(5)

(D) (2),(3),(4)

Option Id

☐ 58001

☐ 58002

☐ 58003

☐ 58004

Right Answer :

(2),(3),(4)

Right Option Id : 58004

#### Question 60

Question Id : 59

From the given answer figures select the one in which question figure is embedded.



Answer :

(A)



(B)



(C)



(D)



Option Id

☐ 59001

☐ 59002

☐ 59003

☐ 59004

Right Answer :



Right Option Id : 59003

Arrange the words given below in a meaningful sequence.

1. Milky way 2. Sun 3. Moon 4. Earth 5. Stars

Answer :

(A) 1, 4, 3, 2, 5

(B) 2, 3, 4, 5, 1

(C) 3, 4, 2, 5, 1

(D) 4, 3, 2, 5, 1

Option Id

☐ 57001

☐ 57002

☐ 57003

☐ 57004

Right Answer :

3, 4, 2, 5, 1

Right Option Id : 57003

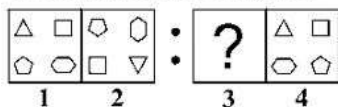
#### Question 62

Question Id : 56

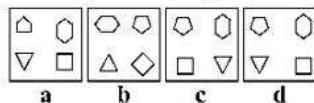
The second figure in the unit of the problem figures bears a certain relationship to the first figure. Similarly, one of the figure in the answer figures bears the same relationship to the figure in the second unit the problem figures.

You have to select that figure from the set of answer figures which would come in the place of question mark (?)

Problem Figures: समस्या आकृतियाँ:



Answer Figures: उत्तर आकृतियाँ



Answer :

(A) a

(B) b

(C) c

(D) d

Option Id

☐ 56001

☐ 56002

☐ 56003

☐ 56004

Right Answer :

d

Right Option Id : 56004

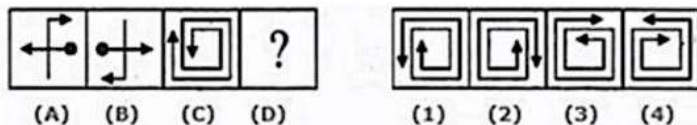
#### Question 63

Question Id : 55

Which suitable figure will replace the question mark based on the figures given in question?

Problem Figures: समस्या आकृति:

Answer Figures/उत्तर आकृति:



Answer :

(A) 1

(B) 2

(C) 3

(D) 4

Option Id

☐ 55001

☐ 55002

☐ 55003

☐ 55004

Right Answer :

2

Right Option Id : 55002

#### Question 64

Question Id : 51

Find which one word cannot be made from the letters of the given word.

INTERNATIONAL



Answer :

- (A) RATIONAL
- (B) ORIENTAL
- (C) TERMINAL
- (D) LETTAR

Option Id

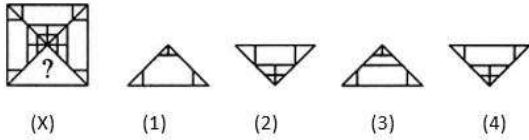
- ☐ 51001
- ☐ 51002
- ☐ 51003
- ☐ 51004

**Right Answer :**  
TERMINAL

**Right Option Id : 51003**

**Question 65**

Identify the figure that completes the pattern.



Answer :

- (A) (1)
- (B) (2)
- (C) (3)
- (D) (4)

Option Id

- ☐ 54001
- ☐ 54002
- ☐ 54003
- ☐ 54004

**Right Answer :**  
(4)

**Right Option Id : 54004**

**SECTION 3**

**Question 66**

Which of the following conditions is also referred as "Pink Eye"?

Answer :

- (A) Astigmatism
- (B) Myopia
- (C) Conjunctivitis
- (D) Presbyopia

**Question Id : 90**

Option Id

- ☐ 90001
- ☐ 90002
- ☐ 90003
- ☐ 90004

**Right Answer :**  
Conjunctivitis

**Right Option Id : 90003**

**Question 67**

In Grapes, Bananas, and Tamarind, which of the following acids is the most abundant?

Answer :

- (A) Lactic Acid
- (B) Oxalic Acid
- (C) Tartaric Acid
- (D) Salicylic Acid

**Question Id : 89**

Option Id

- ☐ 89001
- ☐ 89002
- ☐ 89003
- ☐ 89004

**Right Answer :**  
Tartaric Acid

**Right Option Id : 89003**

**Question 68**

Which of the following terms is used to describe trade between two or more countries?

Answer :

- (A) Interstate trade
- (B) International trade
- (C) External trade
- (D) Boarder trade

**Right Answer :**  
International trade

**Question Id : 88**

Option Id

- ☐ 88001
- ☐ 88002
- ☐ 88003
- ☐ 88004

**Right Option Id : 88002**

**Question 69**

Who is the Rajya Sabha's chairman in India?

Answer :

- (A) Vice-President
- (B) Prime Minister
- (C) Chief Minister
- (D) Minister

**Right Answer :**  
Vice-President

**Question Id : 87**

Option Id

- ☐ 87001
- ☐ 87002
- ☐ 87003
- ☐ 87004

**Right Option Id : 87001**

**Question 70**

\_\_\_\_\_ is designed to infect a specific type of document file like Microsoft word or excel file

Answer :

- (A) Macro
- (B) Antivirus
- (C) Software
- (D) Program

**Right Answer :**  
Macro

**Question Id : 86**

Option Id

- ☐ 86001
- ☐ 86002
- ☐ 86003
- ☐ 86004

**Right Option Id : 86001**

**Question 71**

Rani-ki-Vav stepwell situated in Gujarat is on the bank of which of the following rivers?

Answer :

- (A) Saraswati
- (B) Rupen
- (C) Banas
- (D) Hathmati

**Right Answer :**  
Saraswati

**Question Id : 85**

Option Id

- ☐ 85001
- ☐ 85002
- ☐ 85003
- ☐ 85004

**Right Option Id : 85001**

**Question 72**

Which among the following ports is the only riverine port in India?

Answer :

- (A) Vishakhapatnam Port

**Question Id : 79**

Option Id

- ☐ 79001

- (B) Kolkata Port ☐ 79002
- (C) Paradeep Port ☐ 79003
- (D) Jawaharlal Nehru Port ☐ 79004

**Right Answer :**  
Kolkata Port

**Right Option Id : 79002**

**Question 73**

A donut shaped region of icy bodies situated beyond the orbit of Neptune planet is known as \_\_\_\_\_.

**Answer :**

- (A) Vesta
- (B) Oort Cloud
- (C) Kuiper Belt
- (D) Haumea

**Right Answer :**  
Kuiper Belt

**Question Id : 84**

Option Id

- ☐ 84001
- ☐ 84002
- ☐ 84003
- ☐ 84004

**Right Option Id : 84003**

**Question 74**

The right to education was included in which article of the Indian Constitution as a fundamental right?

**Answer :**

- (A) Article 31
- (B) Article 22A
- (C) Article 21A
- (D) Article 31 A

**Right Answer :**  
Article 21A

**Question Id : 83**

Option Id

- ☐ 83001
- ☐ 83002
- ☐ 83003
- ☐ 83004

**Right Option Id : 83003**

**Question 75**

Which application allows you to organize, sort, calculate, and otherwise manipulate by using formula?

**Answer :**

- (A) Excel
- (B) Word
- (C) PowerPoint
- (D) Photoshop

**Right Answer :**  
Excel

**Question Id : 71**

Option Id

- ☐ 71001
- ☐ 71002
- ☐ 71003
- ☐ 71004

**Right Option Id : 71001**

**Question 76**

Who was the chairman of the advisory committee formed to finalise the Indian Citizens' Fundamental Rights?

**Answer :**

- (A) Sardar Vallabhbhai Patel
- (B) Dr. B. R. Ambedkar
- (C) Dr. Rajendra Prasad
- (D) Pandit Jawaharlal Nehru

**Question Id : 82**

Option Id

- ☐ 82001
- ☐ 82002
- ☐ 82003

**Right Answer :**

Sardar Vallabhbhai Patel

**Right Option Id : 82001**

**Question 77**

Who founded Brahmo Samaj in India?

Answer :

(A) A O Hume

(B) Ram Mohan Roy

(C) Rabindranath Tagore

(D) Swami Vivekanand

**Question Id : 81**

Option Id

☐ 81001

☐ 81002

☐ 81003

☐ 81004

**Right Answer :**

Ram Mohan Roy

**Right Option Id : 81002**

**Question 78**

The famous Qutub Minar is situated in\_\_\_\_\_.

Answer :

(A) Agra

(B) New Delhi

(C) Bhopal

(D) Noida

**Question Id : 80**

Option Id

☐ 80001

☐ 80002

☐ 80003

☐ 80004

**Right Answer :**

New Delhi

**Right Option Id : 80002**

**Question 79**

\_\_\_\_\_ was designated as first Governor-General of India in East India Company.

Answer :

(A) Warren Hastings

(B) Lord William Bentinck

(C) Charles Cornwallis

(D) Lord Mountbatten

**Question Id : 77**

Option Id

☐ 77001

☐ 77002

☐ 77003

☐ 77004

**Right Answer :**

Lord William Bentinck

**Right Option Id : 77002**

**Question 80**

Which of the following entities is the protector of fundamental rights?

Answer :

(A) Political parties

(B) Executive

(C) Legislature

(D) Judiciary

**Question Id : 78**

Option Id

☐ 78001

☐ 78002

☐ 78003

☐ 78004

**Right Answer :**

Judiciary

**Right Option Id : 78004**

**Question 81**

In which mountain range is the famous peak Doddabetta located?

Answer :

- (A) Aravalli range
- (B) Nilgiri range
- (C) Vindhya range
- (D) Anaimalai range

**Right Answer :**

Nilgiri range

**Question Id : 67**

Option Id

- ☐ 67001
- ☐ 67002
- ☐ 67003
- ☐ 67004

**Right Option Id : 67002**

**Question 82**

The famous Sanskrit treatise "Arthashastra" is written on which subject?

Answer :

- (A) Political science
- (B) Geography
- (C) Medicine
- (D) None of these

**Right Answer :**

Political science

**Question Id : 68**

Option Id

- ☐ 68001
- ☐ 68002
- ☐ 68003
- ☐ 68004

**Right Option Id : 68001**

**Question 83**

Vijayanagar architecture is the most developed example of Dravidian style." Which of the following temples is of Vijayanagar architecture style?

Answer :

- (A) Somnath Temple
- (B) Virupaksha Temple
- (C) Minaxi temple
- (D) Tirupati temple

**Right Answer :**

Virupaksha Temple

**Question Id : 69**

Option Id

- ☐ 69001
- ☐ 69002
- ☐ 69003
- ☐ 69004

**Right Option Id : 69002**

**Question 84**

Popular 'Madhubani',a style of folk paintings belongs to which among the following states of India?

Answer :

- (A) Uttar Pradesh
- (B) Madhya Pradesh
- (C) Bihar
- (D) Rajasthan

**Right Answer :**

Bihar

**Question Id : 70**

Option Id

- ☐ 70001
- ☐ 70002
- ☐ 70003
- ☐ 70004

**Right Option Id : 70003**

**Question 85**

"Ikat" is the weaving pattern of which of the following villages of South India which was also selected as the Best Tourism Village by United Nations World Tourism Organizations (UNWTO)?

**Question Id : 66**

Answer :

(A) Hampi

(B) Kodiakanal

(C) Pattadakal

(D) Pochampally

Option Id

☐ 66001

☐ 66002

☐ 66003

☐ 66004

**Right Answer :**

Pochampally

**Right Option Id : 66004**

**Question 86**

**Question Id : 72**

\_\_\_\_\_ sign MOU with NIOS to share expertise and resources, as well as co-develop quality learning resources in Indian Sign Language on the occasion of 3rd year of NEP 2020 celebrations

Answer :

Option Id

(A) ISLRTC (Indian Sign Language Research and Training Centre)

☐ 72001

(B) IISc (Indian Institute of Sciences)

☐ 72002

(C) CBSE (Central Board of Secondary Education)

☐ 72003

(D) NCERT (National Council for Educational Research and Training)

☐ 72004

**Right Answer :**

ISLRTC (Indian Sign Language Research and Training Centre)

**Right Option Id : 72001**

**Question 87**

**Question Id : 73**

Who among the following recently launched DBT (Direct Benefit Transfer) in NAPS (National Apprenticeship Promotion Scheme) to strengthen apprenticeship ecosystem in India?

Answer :

Option Id

(A) Shri Dharmendra Pradhan

☐ 73001

(B) Shri B.V.R. Subrahmanyam

☐ 73002

(C) Shri Piyush Goyal

☐ 73003

(D) Shri Ramesh Pokhriyal

☐ 73004

**Right Answer :**

Shri Dharmendra Pradhan

**Right Option Id : 73001**

**Question 88**

**Question Id : 74**

Recently India has participated at the Annecy International Animation Festival (AIAF) for the first time, this event has taken place at which among the following countries?

Answer :

Option Id

(A) Germany

☐ 74001

(B) Belgium

☐ 74002

(C) France

☐ 74003

(D) Singapore

☐ 74004

**Right Answer :**

France

**Right Option Id : 74003**

**Question 89**

**Question Id : 75**

Which of the following Indian golfers has recorded the best result at the Open after finishing in tied-eighth position at the Royal Liverpool Golf Club in Merseyside, England?

Answer :

Option Id

(A) Rahil Gangjee

☐ 75001

(B) Arjun Atwal

☐ 75002

(C) Anirban Lahiri

☐ 75003

(D) Shubhankar Sharma

☐ 75004

**Right Answer :**

Shubhankar Sharma

**Right Option Id : 75004**

**Question 90**

Shri Jagdeep Dhankhar, Chairman of Rajya Sabha has nominated how many women Parliamentarians to the panel of Vice-Chairpersons?

**Question Id : 76**

**Answer :**

**Option Id**

(A) Five

☐ 76001

(B) Four

☐ 76002

(C) Three

☐ 76003

(D) Two

☐ 76004

**Right Answer :**

Four

**Right Option Id : 76002**

**SECTION 3**

**Question 91**

Give meaning for underlined word: Her handwriting is difficult or impossible to read.

**Question Id : 99**

**Answer :**

**Option Id**

(A) legible

☐ 99001

(B) eligible

☐ 99002

(C) illegible

☐ 99003

(D) ineligible

☐ 99004

**Right Answer :**

illegible

**Right Option Id : 99003**

**Question 92**

Fill in the blank with appropriate conjunction: You should not use mobile \_\_\_ you are crossing the road.

**Question Id : 98**

**Answer :**

**Option Id**

(A) while

☐ 98001

(B) as

☐ 98002

(C) where

☐ 98003

(D) but

☐ 98004

**Right Answer :**

while

**Right Option Id : 98001**

**Question 93**

Choose the correct option to fill in the blank:

If you had let me know earlier, I \_\_\_\_\_ have been able to come.

**Question Id : 97**

**Answer :**

**Option Id**

(A) will

☐ 97001

(B) shall

☐ 97002

(C) could

☐ 97003

(D) would

☐ 97004

**Right Answer :**

would

**Right Option Id : 97004**

**Question 94**

Give antonym for the given word-Transient

Answer :

(A) long lasting

(B) transitory

(C) temporal

(D) transition

**Question Id : 96**

Option Id

☐ 96001

☐ 96002

☐ 96003

☐ 96004

**Right Answer :**

long lasting

**Right Option Id : 96001**

**Question 95**

Fill in the blank with suitable preposition: My mother has been teaching in this college \_\_\_ the last fifteen years.

Answer :

(A) from

(B) since

(C) in

(D) for

**Question Id : 91**

Option Id

☐ 91001

☐ 91002

☐ 91003

☐ 91004

**Right Answer :**

for

**Right Option Id : 91004**

**Question 96**

The meaning of the phrase, 'Four corners of the earth':

Answer :

(A) From morning till night

(B) From beginning to end

(C) From all parts of the world

(D) From the very beginning

**Question Id : 94**

Option Id

☐ 94001

☐ 94002

☐ 94003

☐ 94004

**Right Answer :**

From all parts of the world

**Right Option Id : 94003**

**Question 97**

Change into active voice: The Hunchback was being laughed at by everyone.

Answer :

(A) Everyone was laughing at the Hunchback.

(B) Everyone laughed at the Hunchback.

(C) Everyone laughs at the Hunchback.

(D) Everyone is laughing at the Hunchback.

**Question Id : 93**

Option Id

☐ 93001

☐ 93002

☐ 93003

☐ 93004



**Right Answer :**

Everyone was laughing at the Hunchback.

**Right Option Id : 93001****Question 98**

Choose the correct negative form of the given sentence from the following options: (With no change in meaning):

Hina loves books.

Answer :

- (A) Neither Hina loves books.
- (B) Hina doesn't love books.
- (C) Hina may not love books.
- (D) Hina should not love books.

**Question Id : 92**

Option Id

- ☐ 92001
- ☐ 92002
- ☐ 92003
- ☐ 92004

**Right Answer :**

Hina doesn't love books.

**Right Option Id : 92002****Question 99**

Choose the correctly spelt word

Answer :

- (A) Hankerchieef
- (B) Handkerchief
- (C) Hankerchief
- (D) Hankechieef

**Question Id : 95**

Option Id

- ☐ 95001
- ☐ 95002
- ☐ 95003
- ☐ 95004

**Right Answer :**

Handkerchief

**Right Option Id : 95002****Question 100**

Identify the correct synonym of the word: Preceptor

Answer :

- (A) Tutor
- (B) Perpetual
- (C) Pupil
- (D) Penny

**Question Id : 100**

Option Id

- ☐ 100001
- ☐ 100002
- ☐ 100003
- ☐ 100004

**Right Answer :**

Tutor

**Right Option Id : 100001**