

# ISFO Science Sample Paper

**MAXIMUM TIME: 60 MINUTES**

**MAXIMUM MARKS: 50**

## INSTRUCTIONS

1. Please DO NOT OPEN the contest booklet until you are asked to do so.
2. The question paper comprises of 4 sections (Total 35 questions):
  - Section A: Scientific Reasoning** 13-Questions (1 mark each)
  - Section B: Everyday Science** 12-Questions (1 mark each)
  - Section C: Logical Reasoning** 5-Questions (1 mark each)
  - Section D: BrainBox** 5-Questions (4 mark each)
3. All questions are compulsory. There is no negative marking.
4. No electronic devices capable of storing and displaying visual information such as calculator and mobile are allowed during the course of the exam.
5. Fill all your details properly on the OMR sheet.
6. There is only ONE correct answer of each question.
7. To mark your choice of answers by darkening the circles on the OMR Sheet, use an HB Pencil or a Blue/Black Ball Point Pen only.
8. Shade your answer clearly as per the given example.



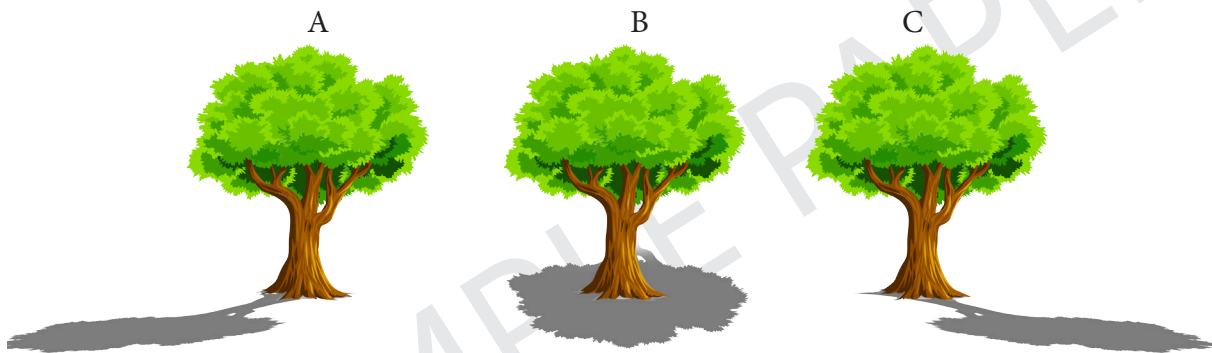
**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO**

**Roll No.:**

**Student's Name:**

**SECTION A : SCIENTIFIC REASONING**

1. A child does not add milk or milk product in his meal. He may get \_\_\_\_\_ .
- a) Weak bones  
b) Weak teeth  
c) Weak muscles  
d) Both a) and b)
2. Ritu has two flower pots. In pot 'A' there is a plastic plant and in pot 'B', there is a real plant. She watered both plants and kept them under sunlight. What will she observe after one week ?
- a) The plant in pot 'A' will grow but not in pot 'B'.  
b) The plant in pot 'B' will grow but not in pot 'A'.  
c) Nothing will happen.  
d) The plants in both pots will die.
3. Observe the shadow of the trees in the picture.



Which shadows is formed in afternoon?

- a) A  
b) B  
c) C  
d) None of these
4. Which of the following combinations are incorrect?

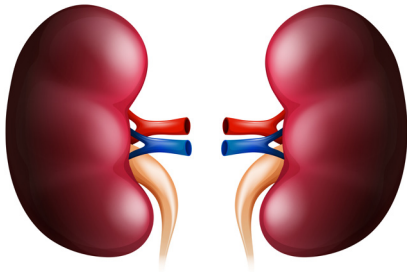
Actions	Places where we go
(A) To post letters	Post office
(B) For treatment of a disease	Hospital
(C) To withdraw cash	Police station
(D) To complain about a crime	ATM

Options are

- a) A  
b) B  
c) C  
d) C and D

## SECTION B : EVERYDAY SCIENCE

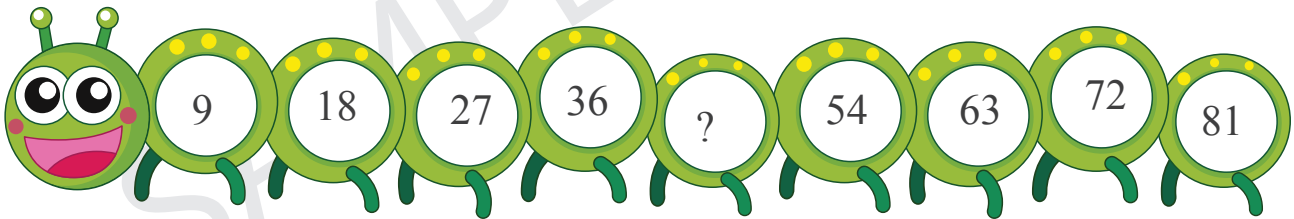
5. Choose the incorrect statement about the National Animal of India.
- a) It is a carnivorous animal.                                  b) Its home is called lair.  
c) It eats plants and plant products.                              d) It is a wild animal.
6. Look at the given picture of an internal organ. How many are they inside human body?



- a) One  
b) Two  
c) Three  
d) Four

## SECTION C : LOGICAL REASONING

7. A number 'x' is greater than  $11 + 11$  and less than  $5 + 19$ . What is number 'x' ?
- a) 19    b) 20  
c) 21    d) 23
8. Observe the pattern and find out the missing number in the caterpillar.

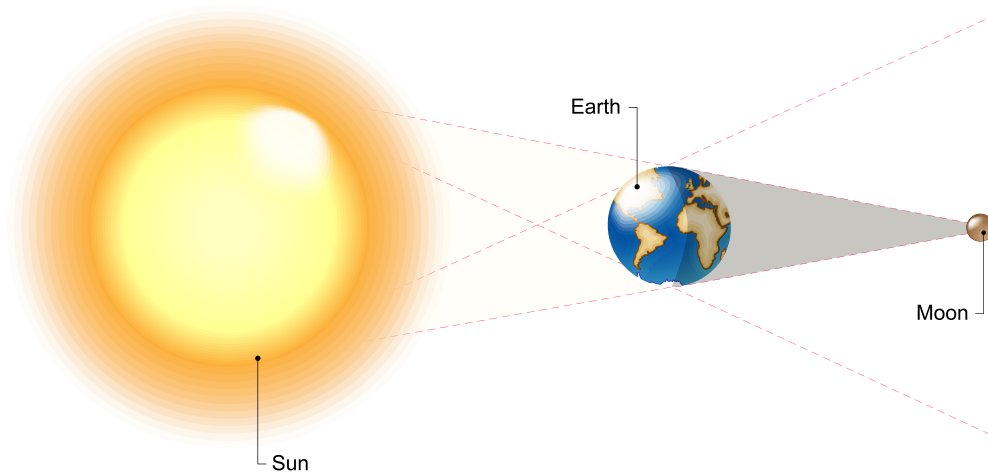


- a) 63    b) 45  
c) 50    d) 39

## SECTION D : BRAINBOX

9. Anshu's mother washed clothes and spread them on clothesline. In which of the given situations the clothes will dry faster?
- a) Sunlight and windy day    b) Rainy and humid day  
c) At night and under fan    d) Rainy and windy day

10. Observe the given diagram. What does it show ?



- a) Solar eclipse
- b) Lunar eclipse
- c) Rotation of the Earth
- d) Rotation of the moon

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SAMPLE PAPER

**ANSWERS**

- |        |        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 1. (D) | 2. (B) | 3. (B) | 4. (C) | 5. (C) | 6. (B) | 7. (D) | 8. (B) | 9. (A) | 10. (B) |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|