

**ASSIGNMENT -MAY 2025**

**CLASS VI**

**SCIENCE**

**I. MCQ**

1. Which characteristic is common to all living things?  
a) They move from place-to-place                      b) They grow and reproduce  
c) They have legs    d) They can speak
2. Animals living in cold regions often have thick fur. This adaptation helps them to:  
a) Swim faster    b) Fly in the air  
c) Keep their body warm                                      d) Find food easily
3. Mindful eating helps in:  
a) Weight gain    b) Overeating  
c) Better digestion    d) Ignoring hunger
4. Which of the following foods is healthiest?  
a) Chips    b) Sweets  
c) Fruits and vegetables                                      d) Soft drinks
5. Magnets attract which type of materials?  
a) Plastic    b) Wood  
c) Iron    d) Glass

**II. Assertion Reason**

**Direction- Chose the correct options for following Assertion – reasons**

**Options:**

- (a) Both (A) and (R) are true, and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
- (c) (A) is true, but (R) is false.
- (d) (A) is false, but (R) is true.

1. **Assertion (A):** Plants are classified based on their structure and habitat.

**Reason (R):** Classification helps us study the diversity of plants easily.

2. **Assertion (A):** Skipping meals improves focus.

**Reason (R):** When we skip meals, our brain gets more energy.

3. **Assertion (A):** All metals are attracted to magnets.

**Reason (R):** Metals have magnetic properties by default.

### III. Answer(very short) the following questions

1. What are sacred groves?
2. Arun lives in a place with little sunlight and avoids going outside. Recently, he developed soft and bent bones. Which deficiency might he be suffering from and what could help him recover?
3. You are given a box of unknown materials. How will you use a magnet to test which objects are magnetic and non-magnetic?

### IV. Answer (short) the following questions

1. A student observes two leaves. One leaf has parallel veins, while the other has a net-like vein pattern.
  - a) Identify the type of plant each leaf belongs to
  - b) Mention the type of roots each plant has
2. A young boy has weak bones and frequent tooth problems. He drinks very little milk or dairy. Which mineral is likely missing from his diet and what food should he include?
3. Rani dropped some pins behind her wooden cupboard and couldn't reach them. What method can she use to recover them?

### V. Answer (long) the following questions

1. What body parts do animals use for movement? Give examples.
2. What do you understand by food miles? Draw a Flow chart of food miles.
3. Explain how a magnetic compass helps us find directions. What property of magnets does it use? Draw different types of magnets

### VI. Case study

Aman tried to use a magnet to pick up different items in his pencil box—like a metal pen, an eraser, a plastic ruler, an iron pin, and a coin. The magnet only attracted the iron pin and ignored other objects. Curious, Aman rubbed the magnet on a piece of iron and noticed it had become magnetic too.

#### ? Questions:

1. Which objects in Aman's pencil box were magnetic and why?
2. What do you call the process of rubbing a magnet on another material to make it magnetic?
3. Why did the coin not get attracted, even though it's made of metal?

