



# Brain International School

Vikas Puri, New Delhi

## ASSIGNMENT NO.6

**SUBJECT: SCIENCE**

**CLASS-VI**

**DEC,2025**

### Chapter 10: Living Creature: Exploring their Characteristic and Habits

**1. In each of the following questions, two statements are given one labeled Assertion**

**(A) and the other labelled Reason (R). Select the correct answer to these questions from**

**the codes (a), (b), (c) and (d) as given below:**

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

**1. Assertion (A):** All living organisms require food.

**Reason (R):** Food provides energy needed for growth and other life processes.

**2. Assertion (A):** Animals show different habits based on their surroundings.

**Reason (R):** Environmental conditions influence the way animals obtain food and protect themselves.

**3. Assertion (A):** Respiration is necessary for all living organisms.

**Reason (R):** Respiration helps release energy from the food they eat.

**4. Assertion (A):** All living organisms reproduce to increase their population.

**Reason (R):** Reproduction is essential for the continuity of species.

**5. Assertion (A):** Living things respond to stimuli.

**Reason (R):** Response to stimuli helps them adjust to changes in their environment.

### **2. Answer the following case study-based question.**

The touch-me-not plant shows a clear response to touch. When someone touches its leaves, they fold immediately. This happens because the plant senses the touch as a stimulus and responds to protect itself. The leaves reopen after some time.



1. What is the stimulus for the touch-me-not plant?
2. What response is shown by the plant when touched?
3. Why does the plant close its leaves?
4. Do the leaves remain closed permanently?

**3. Answer the following question.**

1. Describe the life cycle of the following organisms with the help of diagram.
  - a) Bean plant
  - b) Mosquito
2. When the plants become dead?
3. Describe the characteristics of living organism.