

Sun: Useful for Plants

A. Choose the Correct Answer:

1. What do plants need from the Sun to make their food?

- a) Water
- b) Sunlight
- c) Soil
- d) Air

2. What is the process called when plants make their food using sunlight?

- a) Breathing
- b) Photosynthesis
- c) Digestion
- d) Sleeping

3. Which part of the plant absorbs sunlight?

- a) Roots
- b) Stem
- c) Leaves
- d) Flowers

B. Fill in the Blanks:

1. Plants use _____ from the Sun to make their food.
2. The process by which plants make their food is called _____.
3. Without sunlight, plants cannot _____ properly.

C. Case Study:

A science teacher, Mrs. Nisha, conducted an experiment with her students to show how plants need sunlight.

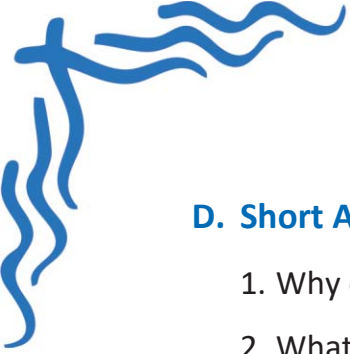
- She placed Plant A in a sunny spot near the window.
- She kept Plant B in a dark cupboard without any sunlight.

After one week:

- **Plant A** grew tall and had green leaves.
- **Plant B** became weak, and its leaves turned yellow.

Case Study Questions:

1. What did Mrs. Nisha want to teach her students through this experiment?
2. Why did Plant A grow better than Plant B?
3. What happened to Plant B when it did not get sunlight?
4. Why is sunlight important for plants?



D. Short Answer Questions:

1. Why do plants need sunlight?
2. What happens to plants if they do not get enough sunlight?
3. How do plants help humans by using sunlight?

E. Long Answer Questions:

1. Explain the process of photosynthesis and why it is important for plants.
2. Describe how plants would be affected if the Sun stopped shining.
3. Discuss how sunlight helps plants grow healthy and strong.