

II. Answer the following in brief:-

1. Why are plants called producers?

Ans: Plants are called producers because they make their own food.

2. Why are leaves of a plant usually green in colour?

Ans: The chlorophyll present in leaves makes them green.

3. What is the main function of a leaf?

Ans: The main function of leaf is to make food.

4. Name the part of a leaf through which a plant breathes.

Ans: A plant breathes through stomata which are present.

5. What are the things essential for plants to make food?

Ans: Carbon dioxide, water, minerals and sunlight are essential for plants to make their food.

III. Answer in detail

classmate
Date _____
Page _____

1. Describe the process by which plants make their food with the help of a diagram.

Ans: Leaves use carbon dioxide and the food minerals to make their food. The carbon dioxide present in air enters leaves through stomata where as the atom combine water and minerals from roots to form glucose. The chlorophyll present in leaves traps energy from sunlight. The leaves use their energy to convert carbon dioxide, water and minerals into food. During this process, plants release oxygen and water vapour.

classmate
Date _____
Page _____

