

Class – 4th

Subject- Science

Ch -1 The green plants: Producers of food

B. Give short answers.

1. What is needed by a leaf to make food?

Ans. Carbon dioxide, water and sunlight is needed by a leaf to make food.

2. How does dodder get its food?

Ans. Dodder use the food prepared by other green plants.

3. What is the function of stomata ?

Ans. The stomata help in the exchange of gases.

4. From where do non green plants get their food?

Ans. The non-green plant get their food from the dead and decaying matter.

C. Answer the following questions.

1. How will you test the presence of starch in a leaf?

Ans. To test the presence of starch in a leaf:-

- 1. Take a leaf of any healthy plant.**
- 2. Boil the leaf first in water and then in alcohol.**
- 3. Boil the leaf thoroughly.**
- 4. Wash it under cold water.**
- 5. Take this leaf in a dish**
- 6. Put few drops of iodine on it.**

7. The colour of the leaf will change into blue black colour. This shows that starch is present in a leaf.

2. How do plant use the food prepared by them?

Ans. The plant use the the food prepared by them to get energy and growth of the plant.

3.How are plants and animals interdependent?

Ans. Plants and animals are interdependent as the plants use the carbon dioxide that animals give and animals breathe in oxygen released by plants.

4. why is it important to maintain a balance between plants and animals in nature?

Ans. It is important to maintain a balance between plants and animals in nature because if the number of animals increases plant may not be able to supply enough food and oxygen to all the animals and if there is an increasing number of plants the carbon dioxide supplied by animals may not be enough for the plants.