

G.S.C
Lesson-2
Plant: Making food.

① what is photosynthesis?

Ans: The process by which plants prepare their own food in the presence of sunlight, air and water is called photosynthesis.

② what are the four things needed for the process of photo

Ans: The four things needed for the process of photosynthesis are sunlight, carbon-di-oxide, water and chlorophyll.

Ques: From where does carbon-dioxide enter in leaves?

Ans: Carbon dioxide enters the leaf through tiny pores called stomata.

Ques: In what form and where does a plant store extra food?

Ans: The extra food is converted in the form of starch and gets stored in roots, stems, leaves, fruits or in flowers.

Ques: Describe the food chain in nature with a diagram to show dependence of plants and animals on each other.

Ans: Green plants are the main producers of food. Humans and animals depend on them for food. Carnivorous

Date: / /
Page No:

3

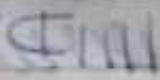
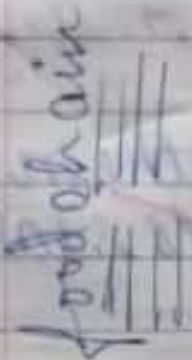
animals eat plants, eating animals. They are also dependent indirectly for food on plants. For example a deer eats grass and leaves and a lion eats deer.

Diagram



A plant

Herbivore (deer)



A simple carnivore (lion) food chain

Q: What will happen if there is a sudden increase in the number of animals?

A: If there is a sudden increase in the number of animals there will be less food for them to eat and they will starve and die.

G.S.G

Lesson 2

Date / /
Page No.

5

Plants: Making food

Leaves: reasons:

Leaves are green in colour because they contain chlorophyll.

In areas with less grass many deer will die.

There are less grasses for them to eat so many deer will starve and die.

Leaves are called the food factories of plants.

Leaves are called the food factories of plants because they make food in their leaves.

5. Sunlight is necessary for photosynthesis.

Ans: Sunlight is necessary for photosynthesis because plants use sunlight to turn water and carbon dioxide into glucose and oxygen.