

Parasites 1.The organism that grows on the body of other organism and derives nutrients from it , known as parasite e.g: Cascuta and orchids	Saprophytes The organism that obtains nutrients from dead and decaying organic matter are called saprophytes e.g : Fungi and some bacteria
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Autotrophs 1.Green plants which make their own food by the process of photosynthesis are known as autotrophs. They are also known as producers . 2. They contain chlorophyll	Heterotrophs 1.The organisms that can not manufacture their own food and derive their food from plants or animals or both. e.g: humans ,deer etc 2. There is absence of chlorophyll.
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B. Answer briefly

Q.no.1: Why do we need food ?

Ans: Food in our body is used for various reasons:

i): For energy

II): For work

III); For body function

Iv); For good health

V): For wound healing

VI): For development and growth

Qno2): a): The role of chlorophyll in photosynthesis ?

Ans: Chlorophyll is a green pigment present in the leaves of a plant,its role is to capture the sunlight from the sun.

b): The part of the plant in which food is made?

Ans: Food is made in the leaves.

Qno3: How would you test for the presence of starch in leaves?

Ans: The presence of starch in leaves can be tested by iodine test.iodine turns starch solution into blue-black colour.Pour few drops of dilute iodine into boiled leaf .The leaf becomes blue-black which proves the presence of starch in it.the starch is a carbohydrate.

Qno4: What is produced as a result of photosynthesis?

Ans: Glucose and oxygen are produced during the process of photosynthesis.

Qno5: What will happen to life on earth in the absence of photosynthesis?

Ans: If photosynthesis does not occur in plants then plants **cannot synthesize the food**. The plants will not produce oxygen and then no animal life will be able to survive due to the absence of oxygen. We will not get oxygen, food, and life on this planet will become extinct.

C . Answer in one word or few words

C1 .Name the following .

1. Type of nutrition found in fungi ,lichen,amarbel,and pitcher plant?

Ans: Heterotrophic mode of nutrition.

2.A parasite plant with a long ,yellow, and slender stem?

Ans: Cascutta (Ambarbel)

3.The pores in leaves through which exchange of gases takes place ?

Ans:Stomata

4. A plant with both autotrophic and heterotrophic modes of nutrition?

Ans:Pitcher plant

5. The gas released during photosynthesis?

Ans: Oxygen

C2. Fill in the blanks :

1. The food prepared by the plants is stored as Starch

2. Presence of starch is tested with the help of Iodine test

3. Heterotrophs derive their food from other Plants and other animals

4. Cascutta is a parasitic plant

5. In photosynthesis ,the sun's energy is captured by a pigment called Chlorophyll

6. Plants which obtain their food from dead and decaying matter are called Saprophytic plants

7.During photosynthesis Carbon dioxide is taken in and oxygen is given out

C3 ,C4:.....:Do it by yourself