
Chapter 1 : Nutrition in Plants

Fill in the blanks:

1. The components of food which are necessary for our body are called _____.
2. Green plants synthesise their own food themselves by the process of _____.
3. _____ is the mode of taking food by an organism and its utilization by the body.
4. Complex chemical substances such as _____ are the products of photosynthesis.
5. _____ gas is produced during photosynthesis.
6. Organisms that are dependent on others for their nutrition are called _____.
7. _____ are the tiny pores present on the surface of the leaves and are surrounded by guard cells.
8. _____ is the ultimate source of energy for all living organisms.
9. Organisms which derive their nutrition from dead decaying matter are called _____.
10. Some organisms live together and share shelter and nutrients, this is called _____.
11. Carbohydrates are made up of _____, _____ and _____.

Name the following :

1. A bacterium that can take atmospheric nitrogen and convert it into a soluble form.
2. An insectivorous plant.
3. The mode of nutrition in mushrooms.
4. The indicator used to test the presence of starch in leaves.

II) Write True or False :

1. Some fungi are used in medicines.[]
2. Most of the pulses are obtained from leguminous plants. []
3. Cuscuta (Amarbel) is a host.[]
4. Lichens, an alga and a fungus show symbiotic relationship. []
5. In desert plants, green stems carry out photosynthesis.[]

III) Define the following

1. Autotrophs
2. Saprotrophs
3. Heterotrophs
4. Nutrition

IV) Diagrams :

1. Cell
 2. Photosynthesis in plants.
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