



INDIAN SCHOOL AL BURAIMI
BIOLOGY WORKSHEET

NAME:
STD: VII

DATE:
WORKSHEET 1

Lesson 1. Nutrition in Plants

I. Name the following:

1. A partial parasite- (Indian pipe/ mistletoe)
2. Lichen is an association between an and a
3. A bacterium that takes atmospheric nitrogen and converts it into a soluble form
4. An insectivorous plant.....
5. The indicator used to test the presence of starch in leaves.....

II. Fill in the blanks:-

1. Green plants are calledsince they synthesize their own food.
2. A plant that has both autotrophic and heterotrophic modes of nutrition
3. A group of organisms which live together and share shelter and nutrition
4. The presence of in leaves indicates the occurrence of photosynthesis.
5. An example of saprophytic plant
6. Parasitic plants take nutrients from the host plant using their
7.is the mode of taking food by an organism and its utilization by the body.
8. Complex chemical substances such as are the products of photosynthesis.
9. Organisms that are dependent on others for their nutrition are called
10.is the ultimate source of energy for all living things.
11. Carbon dioxide is taken in by the leaves through
12. Cuscuta (Dodder) is a whereas mushroom is a
13.association in the soil is of great benefit to the farmers.
14. In photosynthesis, solar energy is trapped by the pigment called

III. Answer the following questions:

1. How does a sundew plant obtain its nutrition?

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2. Write the equation involved in photosynthesis.

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3. Why do insectivorous plants eat insects?

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4. How does the symbiotic association help the organisms in pea plant- bacteria relationship?

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IV. Write T for true and F for false statements. Correct the false statements:

- a. Green plants prepare their food hence they are autotrophs.
- b. Carbon dioxide gas is released in the process of photosynthesis.
- c. Plants obtain nitrogen from soil.
- d. Minute pores on the leaf surface are called stomata.
- e. Cuscuta(dodder) is an insectivorous plant.
- f. Solar energy is captured by leaves.
- g. Mushroom is a saprophytic organism.

V. Give reasons:

a) Farmers do not add fertilizers to the soil in which leguminous plants are grown.

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b) Photosynthesis is a chemical change

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VI. Draw a diagram showing photosynthesis.