

ATOMIC ENERGY EDUCATION SOCIETY
SESSION 2020-2021

SUBJECT : SCIENCE

WORKSHEET – II

CLASS- VII

CHAPTER -1 NUTRITION IN PLANTS (WORKSHEET – 1)

I. Choose the correct option:-

1. Mushroom has _____ nutrition.
a. Autotrophic
b. Symbiotic
c. Saprotrophic
d. None
2. Two organisms live together by mutually benefiting each other.
This kind of association is called _____.
a. Symbiosis
b. Parasitic mode
c. Autrophic mode
d. None
3. Plants are unable to use atmospheric _____.
a. carbon dioxide
b. Oxygen
c. Nitrogen
d. Methane
4. Which of the following organisms gets its food from the dead and decaying matter?
a. Algae
b. Fungi
c. Amoeba
d. Insectivorous plants
5. Which of the following raw material is available in air for photosynthesis
a. Oxygen
b. Nitrogen
c. Carbon dioxide
d. Hydrogen

II. Fill In the blanks:-

1. _____ bacteria converts atmospheric nitrogen into soluble form.
2. Amarbel is an example of _____ plant.
3. Food synthesised by the plant are stored as _____.
4. _____ is required for synthesis of protein in plants.
5. Farmers enrich the soil by adding _____ and _____.

III. Answer the following questions:-

1. Which plants have both autotrophic and heterotrophic mode of nutrition?
2. Name an edible fungi.
3. What is chlorophyll?

4. Draw a labelled diagram of stomata.
5. What are the requirements of photosynthesis?
6. How will you test the presence of starch in the leaves?
7. What is the role of leguminous plants in replenishing the fertility of the soil?
8. Distinguish between a saprophyte and a parasite.
9. Why is cuscuta known as a parasite?
10. Differentiate between autotrophs and heterotrophs.
11. What are the functions of stomata in the leaf?
12. Sun is called the ultimate source of energy for all living organisms.

Discuss.
