

I. Multiple Choice Questions:

1. Raw material for photosynthesis is :
a) oxygen b) carbon dioxide c) nitrogen d) hydrogen
2. The ultimate source of energy is:
a) chemical b) wind energy c) water energy d) solar energy
3. Which of the following is a parasite?
a) lichens b) cuscuta c) algae d) fungus
4. The mode of nutrition in plants is:
a) autotrophic b) heterotrophic c) saprotrophic d) symbiotic
5. The food factories of plants are:
a) flowers b) roots c) stems d) leaves
6. *Rhizobium* bacteria lives in:
a) roots b) stem c) soil d) branches

II Write the scientific terms for the following:

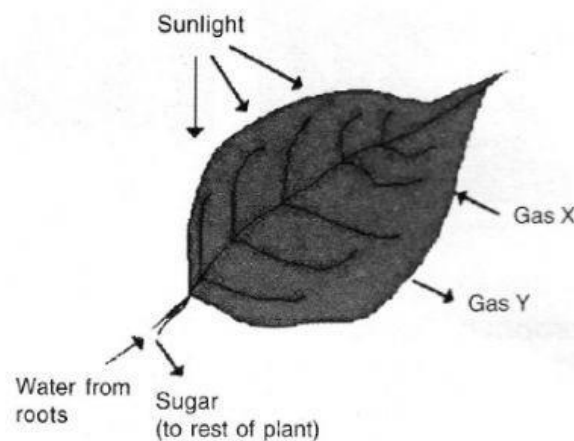
1. Plants that trap & eat insects _____
2. The kitchen of the plant _____
3. The green pigment present in a leaf _____
4. The gas released during photosynthesis _____

III. Give one word for the following statements.

1. _____ carries water and minerals from the root to the leaves of plants.
2. A group of organisms which live together and share shelter and nutrients are called _____.
3. The food synthesised by plants is stored as _____.

IV. Write True or False for the statements given below. If false, do the corrections.

1. Carbon dioxide is released during photosynthesis.
 2. Plants other than green do not contain chlorophyll.
 3. The product of photosynthesis is not a protein.
- V. The leaves of a plant combine a gas X taken from air and a liquid B taken from the soil in the presence of sunlight to make a simple food C by the process called D. Some of the simple food C gets converted into a complex food E which is stored in various parts of the plant including its leaves. In this process gas Y is released.



1. What are (i) gas X , (ii) gas Y and (iii) liquid B

2. What are (i) food C and (ii) food E? _____
3. Name the process D. _____
4. Which of the two foods C or E will give blue black colour with dilute iodine solution? _____
5. Name the pigment present in leaves which helps in carrying out the food making process. _____