



## CBSE CLASS – 7 SCIENCE

### TOPIC: Nutrition in Plants

A. Tick (✓) the correct option:

1. Amarbel is an example of:

- (a) autotroph
- (b) parasite
- (c) saprotroph
- (d) host

2. The plant which traps and feeds on insects is:

- (a) Cuscuta
- (b) China rose
- (c) Pitcher plant
- (d) Rose

3. Plants take carbon dioxide from the atmosphere mainly through their:

- (a) roots
- (b) stem
- (c) flowers
- (d) leaves

4. Which part of the plant takes in carbon dioxide from the air for photosynthesis?

- (a) Root hair
- (b) Stomata
- (c) Leaf veins
- (d) Sepals



5. Which of the following is used from the atmosphere during photosynthesis?

- (a) Oxygen
- (b) Hydrogen
- (c) Minerals
- (d) Carbon dioxide

6. Water reaches the leaves from root by:

- (a) stomata
- (b) phloem
- (c) xylem
- (d) all of these

B. Match the following:

1. Chlorophyll	●	● a. Bacteria
2. Nitrogen	●	● b. Heterotrophs
3. Amarbel	●	● c. Pitcher plant
4. Animals	●	● d. Leaf
5. Insects	●	● e. Parasite

C. State 'True' or 'False':

1. Carbon dioxide is released during photosynthesis. ....
2. Plants which synthesise their food themselves are called saprotrophs. ....
3. The product of photosynthesis is not a protein. ....
4. Solar energy is converted into chemical energy during photosynthesis. ....
5. Pitcher plant is a carnivore. ....
6. Product of photosynthesis is water and light. ....
7. Tiny openings present in leaf surface is called stomata. ....