



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.