

**WORKSHEET CLASS 7**  
**CHAPTER -- 1**  
**TOPIC : NUTRITION IN PLANTS**

**QA. FILL IN THE BLANKS ( 1 Mark Each)**

- 1-Green plants are called ..... since they synthesise their own food.
- 2-The food synthesised by the plants is stored as.....
- 3-In photosynthesis solar energy is captured by the pigment called.....
- 4-During photosynthesis plants take in ..... and release.....
- 5-Proteins contain.....
- 6-Farmers enrich the soil by adding ..... and.....
- 7-In most of green plants, photosynthesis takes place in the.....
- 8-Plants are unable to use atmospheric.....
- 9-Green patches in stagnant water are aquatic.....
- 10-During photosynthesis, ..... energy is captured by the leaves and stored as food.

**QB Multiple Choice Questions (1 Mark Each)**

1. Amarbel is an example of –  
a- Autotroph    b- Parasite    c- Heterotroph    d- Host
2. The plant which traps a feed on insects is-  
a- Cucuta    b- Rose    c- Pitcher plant    d- sunflower
3. Which of these components of food can be synthesized by plants-?  
a- carbohydrate    b- Fats    c- Proteins    d- All of these
4. Which of these is/are necessary for photosynthesis to takes place-?  
a- Carbon dioxide    b- Chlorophyll    c- Water    d- All of these
5. The trapped insect gets entangled in the hair in-  
a- Green plant    b- Insectivorous plants    c- Grass    d- None of these

**QC. Very Short Answer Type Questions: (1 mark Each)**

1. What are stomata?
2. Define autotrophs?

3. Name the end product of photosynthesis?
4. Name the green pigment present in the leaf?
5. What are lichens?

**QD. Answer These Questions-**

**(3 Marks each)**

1. What is symbiosis relationship?
2. How are saprophytes, parasites & symbionts different from each other?
3. How are water and minerals transported to the plant?

**QE Long Answer Questions**

**(5 marks)**

1. Show with the help of sketch that plants are the ultimate source of food?
2. How are nutrients replenished in the soil?
3. Explain the processes of photosynthesis?
4. How would you test the presence of starch in leaves?