

**SUMMATIVE ASSESSMENT NO.1**  
**GENERAL SCIENCE**  
**CLASS-VII**  
**NUTRITION IN PLANTS**  
**ASSIGNMENT NO..3**

**Name the following :**

1. A plant pigment that absorbs sunlight.
2. Small openings on leaves.
3. Part of a plant where photosynthesis generally occurs.
4. A plant that eats insects is called as this .
5. The process by which plants and some bacteria use the energy from sun to produce carbohydrates.
6. The cells which form stomata.
7. The raw materials required for photosynthesis.
8. The gas released during photosynthesis.
9. The raw materials required for photosynthesis?
10. Name the elements of which carbohydrates are made up of?

**Fill in the blanks:**

1. The entire process of taking in food and using it for growth and maintenance of the body by the living organisms is called-----
2. The relationship in which the both the types of plants mutually gain from each other is called -----
3. -----is an association between a fungus and an algae.
4. During photosynthesis , plants obtain carbon di oxide from the atmosphere through-----.
5. -----plants grow in places with lot of rotting places.

**Ans the following:-**

1. What are nutrients ? Give examples.
2. What is nutrition? Name the major modes of nutrition.
3. Differentiate between autotrophs and heterotrophs.
4. What is photosynthesis? Write equation for photosynthesis.
5. Where are stomata located? Write two important functions performed by stomata.
6. How are the minerals and water reach the leaves from the roots?
7. How does chlorophyll help in the process of Photosynthesis?
8. How do we test the presence of starch in the leaves?
9. Draw and label a neat diagram of stomata.
10. What are algae? Are they autotrophs?
11. How do plants obtain nitrogen to synthesise proteins?
12. What mode of nutrition is found in cuscuta and why?
13. Define host and parasite?
14. What are insectivorous plants? How do they obtain food?
15. Name the white cottony growth that develops on the rotting bread.
16. What is saprotrophic mode of nutrition?
17. What is symbiosis? Illustrate.

18. Why do farmers add fertilizers to the soil?

19. What is Rhizobium? Name four leguminous crops

20. How are leguminous crops and Rhizobium related to each other?

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