

Science Worksheet 5

Grade VII

Nutrition in Plants

Q1. Fill in the blanks-

- $\text{CO}_2 + \text{H}_2\text{O} \longrightarrow \text{C}_6\text{H}_{12}\text{O}_6 + \underline{\hspace{2cm}}$.
- Green plants are called _____.
- The leaves of the plants are green because they contain _____.
- Rhizobium bacteria provide _____ to the leguminous plant.
- Stomata are surrounded by _____.
- Plants stores food as _____.

Q2. Match the following:

Column A

Column B

- | | |
|---------------|-------------|
| a. Autotrophs | water |
| b. Stroma | starch |
| c. Phloem | chloroplast |
| d. Xylem | guard cell |
| e. Stomata | green plant |

Q3. Define the following:

- Nutrition
- Photosynthesis.
- Heterotrophic nutrition.
- Chloroplast.
- Insectivorous plant.
- Parasitic plant.

Q4. Differentiate between:

- Autotrophic and Heterotrophic mode of nutrition.
- Symbiotic and saprophytic plants.

Q5. Write two examples for each of the following:

- Mode of nutrition
- Parasitic plant
- Symbiotic association

Q6. Explain how plants take in carbon dioxide through stomata.

Q7. Why do some plants eat insects?

Q8. Why is mistletoe called partial parasite?