

# Science Worksheet 7

## Grade VII

### Nutrition in Plants

Q1. Fill in the blanks:

- Food in plants is transported from leaves through \_\_\_\_\_ and water from the roots through \_\_\_\_\_
- \_\_\_\_\_ are the tiny pores present on the leaf surface to breathe in air.
- \_\_\_\_\_ in plants gives the ability to convert the sun's energy into food.
- Raw materials for photosynthesis are \_\_\_\_\_ and \_\_\_\_\_
- Heterotrophs are also known as \_\_\_\_\_

Q2. State true or false:

- Plants obtain carbon dioxide from the atmosphere through stroma.
- Photosynthesis in plants occurs day and night.
- Symbiotic plants obtain nutrition from dead and decaying matter.
- In a parasitic relationship, only the parasitic plant benefits.

Q3. Write one word for the following:

- Structures in leaves that contain the green pigment
- Stalk of thylakoids
- Structure that carry starch to various parts of a plant
- The green pigment present in leaves
- The substance that is broken down in the body to obtain energy

Q4. Distinguish between the following:

- Chlorophyll and chloroplast
- Xylem and phloem
- Parasite and insectivorous
- Cuscuta and mistletoe

Q5. Represent and photosynthesis in the form of chemical and word equation and explain.

Q6. Define the structure of chloroplast with the help of labelled diagram.