

St. Andrews Scots Sr. Sec. School
9th Avenue, I.P. Extension, Patparganj, Delhi – 110092
Session: 2024 – 2025
(Worksheet-6)

Class: VI

Subject: Science

Chapter: Plants: Form and Functions

Q.1. Define:

- a) Zygote
- b) Perennation
- c) Calyx
- d) Corolla

Q.2. Fill in the blanks:

- a) The fine hairlike structures on the lateral roots are _____
- b) After maturation, ovary is converted into a _____
- c) Green leaves make food from _____, air and water by a process called photosynthesis.
- d) Design made by _____ in a leaf is called venation.
- e) Water comes out of leaves in the form of vapour by a process called _____

Q.3. Multiple Choice Questions:

- a) What is the function of the ovary in a flower?
i) Produce pollen (ii) Produce seeds (iii) Attract pollinators
- b) Which one of the following is a function of leaves?
(i) Photosynthesis (ii) Transpiration (iii) Both (a) and (b)
- c) Which is not a part of a leaf?
(i) Petiole (ii) Lamina (iii) Nodes
- d) Which of the following type of plants has thick, hard and woody stem?
(i) Tree (ii) Shrub (iii) Herb
- e) Which of the following has fibrous root?
(i) Peas (ii) Wheat (iii) Radish

Q.4. State whether the following statement is true or false.

- a) Roots hold the plant firmly in the soil
- b) Pistil is female reproductive part of a flower
- c) The parts of a flower are usually present in whorls.
- d) In trees, branches arise from the upper part of stem
- e) Herbs are usually short and sometimes do not have branches.

Q.5. Short Questions Answers:

- a) Why are leaves generally green?
- b) Write the functions of sepals and petals.
- c) Write the names of reproductive parts of a flower.
- d) Why roots are modified?