

Plant Structures Exam

Total Marks: 40

Section A: Multiple Choice Questions (10 marks)

(Each question carries 2 marks)

1. What is the main function of roots in a plant?
 - a) Support leaves and flowers
 - b) Transport food and water
 - c) Absorb water and nutrients
 - d) Produce seeds

2. Plants with fibrous roots usually have:
 - a) Netted veins
 - b) Parallel veins
 - c) No veins
 - d) Thick leaves

3. What part of the plant grows downward into the soil?
 - a) Stem
 - b) Leaves
 - c) Roots
 - d) Flowers

4. The xylem is responsible for transporting:

- a) Food
- b) Water
- c) Oxygen
- d) Carbon dioxide

5. The ****apical meristem**** is found in:

- a) Roots
- b) Terminal buds
- c) Fruits
- d) Flowers

Section B: Fill in the Blanks (10 marks)

(Each question carries 2 marks)

6. The _____ anchor the plant in the soil and absorb water and nutrients.

7. Plants with tap roots usually have _____ veins.

8. The stem transports _____ and _____ to other parts of the plant.

9. The xylem transports _____, while the phloem transports _____.

10. Growth in the stem takes place at the _____, located in the terminal bud.

Section C: True or False (10 marks)

(Each question carries 2 marks)

11. The roots grow upwards toward sunlight. (True / False)

12. The phloem transports water in the plant. (True / False)
13. Underground stems and climbing stems are types of stems. (True / False)
14. The leaves in a plant are responsible for making food. (True / False)
15. Plants with fibrous roots usually have netted veins. (True / False)