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

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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)

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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)

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