

Name _____

The Versatile Plant Stem: An Essential Organ for Growth and Support

Multiple Choice Questions

1. What is the primary function of the plant stem?
 - A) Absorbing sunlight
 - B) Transporting water and nutrients
 - C) Anchoring the plant in the soil
 - D) Storing food reserves

2. How do water and minerals travel through the stem?
 - A) Through specialized tissues called phloem vessels
 - B) By diffusion through the stem's cells
 - C) Along the exterior surface of the stem
 - D) Through specialized tissues called xylem vessels

3. What role does the stem play in supporting tall plants?
 - A) By producing flowers and fruits
 - B) By bending without breaking
 - C) By storing food reserves
 - D) By anchoring the plant in the soil

4. What structures give rise to new leaves, branches, and flowers along the stem?
 - A) Roots
 - B) Nodes
 - C) Buds
 - D) Internodes

5. Which specialized stem structure stores food reserves for the plant?
 - A) Bulbs
 - B) Stolons
 - C) Rhizomes
 - D) Tubers

