

Name \_\_\_\_\_

## Unraveling the Mystery of Plant Roots: Exploring Their Vital Functions

### Multiple Choice Questions

1. What is one of the primary functions of plant roots?
  - A) Absorbing sunlight
  - B) Providing shade
  - C) Anchoring the plant in the soil
  - D) Attracting pollinators
  
2. How do roots absorb water from the soil?
  - A) Through tiny structures called root hairs
  - B) By releasing oxygen into the soil
  - C) By absorbing sunlight
  - D) Through specialized leaves
  
3. What do roots absorb from the soil besides water?
  - A) Carbon dioxide
  - B) Oxygen
  - C) Nutrients like nitrogen and phosphorus
  - D) Insects
  
4. What is the purpose of storing nutrients in some plant roots?
  - A) To attract pollinators
  - B) To provide support
  - C) To maintain turgor pressure
  - D) To sustain the plant during times of scarcity
  
5. How do root systems contribute to soil stability?
  - A) By absorbing sunlight
  - B) By binding soil particles together
  - C) By releasing water into the soil
  - D) By attracting beneficial microbes

