

Name _____

Unraveling the Mysteries of Plant Roots: Exploring Different Types and Their Functions

Multiple Choice Questions

1. Which type of root system consists of numerous thin roots close to the soil surface?

- A) Taproots
- B) Fibrous roots
- C) Adventitious roots
- D) Prop roots

2. What is the primary function of taproots?

- A) Anchoring the plant and accessing water deep in the soil
- B) Storing excess food
- C) Preventing soil erosion
- D) Providing support to tall plants

3. Which type of roots arise from non-root tissues such as stems or leaves?

- A) Fibrous roots
- B) Taproots
- C) Adventitious roots
- D) Prop roots

4. What is the purpose of prop roots?

- A) Absorbing water and nutrients
- B) Providing support to top-heavy plants
- C) Storing excess food
- D) Aiding in vegetative propagation

5. Which type of roots swells to store excess food and nutrients?

- A) Adventitious roots
- B) Prop roots
- C) Taproots
- D) Storage roots

