

Name _____

Unlocking the Secrets of Woody Plant Growth

Multiple Choice Questions

1. What is responsible for primary growth in woody plants?
 - a) Cambium
 - b) Lateral meristems
 - c) Apical meristems
 - d) Phloem

2. Which hormone promotes cell elongation and apical dominance?
 - a) Auxins
 - b) Cytokinins
 - c) Gibberellins
 - d) Abscisic acid

3. How do mycorrhizal fungi benefit woody plants?
 - a) By inhibiting root growth
 - b) By enhancing nutrient uptake
 - c) By producing ethylene
 - d) By fixing nitrogen

4. What external factor influences the rate of plant growth?
 - a) Soil pH
 - b) Hormone levels
 - c) Leaf senescence
 - d) Temperature

5. What is the main process responsible for increasing the girth of woody stems?
 - a) Apical dominance
 - b) Primary growth
 - c) Secondary growth
 - d) Photosynthesis

