

Name \_\_\_\_\_

## Unveiling the Anatomy of Woody Plants

### Open-Ended Response Questions

1. Compare and contrast the functions of roots and leaves in woody plants, highlighting their roles in absorption, photosynthesis, and gas exchange.
2. Analyze the importance of bark in protecting woody stems from physical damage, pathogens, and extreme weather conditions, considering its structural components and functions.
3. Evaluate the role of cambium in secondary growth of woody plants, discussing its significance in increasing stem girth and facilitating the production of wood and bark.
4. Discuss the interdependence of roots, stems, and leaves in woody plants, considering their respective functions and contributions to overall plant health and growth.

