

Name _____

Thriving in Diverse Environments: How Vascular Plants Adapt

Open-Ended Response Questions

1. Discuss the importance of water conservation adaptations in desert plants and how these adaptations enable them to survive in arid environments.
2. Compare and contrast the adaptations of forest canopy trees and understory plants to light availability in forest ecosystems.
3. Explore the role of nutrient uptake adaptations in aquatic plants and their significance for aquatic ecosystem functioning.
4. Evaluate the effectiveness of alpine plant adaptations in coping with extreme environmental conditions, considering both advantages and limitations.

