Name _____

Exploring the Plant World: Understanding Vascular and Non-Vascular Plants

Multiple Choice Questions

1. What is the main difference between vascular and non-vascular plants?

A) Vascular plants have specialized tissues for nutrient transport, while non-vascular plants do not.

B) Non-vascular plants are larger and more structurally complex than vascular plants.

C) Vascular plants rely on diffusion and osmosis for water uptake, while non-vascular plants have vascular tissues.

D) Non-vascular plants dominate terrestrial environments, while vascular plants are limited to aquatic habitats.

2. Which of the following is a characteristic of vascular plants?

A) They lack true roots, stems, and leaves.

B) They rely on diffusion for nutrient transport.

C) They are typically found in moist environments.

D) They have specialized tissues for water and nutrient transport.

3. Where are non-vascular plants commonly found?

A) Deserts

B) Coral reefs

C) Wetlands

D) Rainforests

4. What role do vascular tissues play in vascular plants?

A) They provide structural support.

B) They absorb water and nutrients from the environment.

C) They produce sugars during photosynthesis.

D) They transport water, nutrients, and sugars throughout the plant.

5. Why are non-vascular plants limited to habitats with high humidity levels?

A) They require direct sunlight for photosynthesis.

B) They lack vascular tissues for efficient water uptake.

C) They are susceptible to diseases in dry environments.

D) They compete with other plants for resources.