Plant Transport Systems

Biology · Practice Test · 9 Questions

1. What is the primary function of sieve tubes?

A) Food storage
B) Food transport
C) Structural support
D) Photosynthesis

2. Which cells are responsible for assisting sieve tubes?

A) Phloem fibers
B) Phloem parenchyma
C) Companion cells
D) Xylem

3. What is the function of phloem fibers?

A) Support
B) Food storage
C) Photosynthesis
D) Water transport

4. What is the role of phloem parenchyma?

A) Support
B) Food transport
C) Food storage
D) Gas exchange

5. What substance does the phloem transport?

A) Water
B) Oxygen
C) Food produced during photosynthesis
D) Carbon dioxide

6. What is another name for the plant transport system?

A) Nervous system
B) Vascular system
C) Digestive system
D) Respiratory system

7. Why do plants require an internal transport system?

A) To move to new locations
B) Because they cannot move to gather food or water
C) To escape predators
D) To regulate body temperature

8. What is the human equivalent to a plant's transport system?

A) Stomach
B) Lungs
C) Blood vessels
D) Brain

9. The plant transport system moves resources between which two points?

A) The stem and the flower
B) The roots and the leaves
C) The soil and the air
D) The seeds and the fruit