

Name _____

The Marvels of Plant Cells: Tiny Powerhouses in Green

Multiple Choice Questions

1. What is the primary function of chloroplasts in plant cells?

- a) To store water
- b) To capture sunlight and produce energy
- c) To provide support and protection
- d) To regulate the cell's internal environment

2. What is the role of the cell wall in plant cells?

- a) To regulate turgor pressure
- b) To synthesize sugars
- c) To provide support and protection
- d) To store nutrients

3. What is the function of vacuoles in plant cells?

- a) To capture sunlight
- b) To store water, nutrients, and waste products
- c) To control the cell's activities
- d) To produce energy

4. Where is the genetic material of a plant cell located?

- a) In the cytoplasm
- b) In the vacuole
- c) In the chloroplast
- d) In the nucleus

5. Why is understanding plant cells important?

- a) To appreciate the beauty of nature
- b) To advance agriculture and medicine
- c) To protect endangered species
- d) To study the behavior of animals

