

Name \_\_\_\_\_

## Discovering Animal Cells: Exploring the Building Blocks of Life

### Multiple Choice Questions

1. What is the function of the nucleus in an animal cell?
  - a) To generate energy
  - b) To control the cell's activities
  - c) To provide structural support
  - d) To synthesize proteins
  
2. What organelle is often described as the powerhouse of the cell?
  - a) Nucleus
  - b) Mitochondrion
  - c) Endoplasmic reticulum
  - d) Golgi apparatus
  
3. What is the function of the cell membrane?
  - a) To store genetic material
  - b) To regulate the passage of substances in and out of the cell
  - c) To synthesize proteins
  - d) To produce energy
  
4. Which organelle is responsible for cellular respiration?
  - a) Golgi apparatus
  - b) Endoplasmic reticulum
  - c) Mitochondrion
  - d) Lysosome
  
5. Why is understanding animal cells important?
  - a) To appreciate biodiversity
  - b) To unravel the mysteries of health and disease
  - c) To study plant cells
  - d) To explore outer space

