

Name _____

Cell Similarities: Exploring the Shared Traits of Plant and Animal Cells

Multiple Choice Questions

1. What is the function of the nucleus in both plant and animal cells?
 - a) To generate energy
 - b) To regulate the cell's activities
 - c) To capture sunlight
 - d) To provide structural support

2. What organelle is responsible for generating energy in both plant and animal cells?
 - a) Chloroplast
 - b) Mitochondrion
 - c) Golgi apparatus
 - d) Endoplasmic reticulum

3. What is the primary function of the cell membrane in both plant and animal cells?
 - a) To store genetic material
 - b) To produce energy
 - c) To regulate the passage of substances
 - d) To synthesize proteins

4. What is one common organelle found in both plant and animal cells?
 - a) Chloroplast
 - b) Nucleus
 - c) Central vacuole
 - d) Cell wall

5. Why is understanding the similarities between plant and animal cells important?
 - a) To appreciate biodiversity
 - b) To uncover universal mechanisms underlying cellular biology
 - c) To study outer space
 - d) To regulate climate change

