

Structure and Function of Cells 1: Choose the one best answer for each question.

1. Which cell structure controls the activities of the cell?

- A) Cell membrane B) Nucleus
 C) Cytoplasm D) Vacuole

2. Which structure surrounds the cell and controls what enters and leaves?

- A) Cell membrane B) Chloroplast
 C) Mitochondrion D) Nucleus

3. Which organelle is known as the 'powerhouse' of the cell because it produces energy?

- A) Ribosome B) Vacuole
 C) Mitochondrion D) Cell wall

4. Which structure is found in plant cells but not in animal cells?

- A) Nucleus B) Cytoplasm
 C) Mitochondrion D) Cell wall

5. Which organelle allows plant cells to make their own food using sunlight?

- A) Chloroplast B) Vacuole
 C) Nucleus D) Cell membrane

6. The cytoplasm is best described as:

- A) The rigid outer layer of a plant cell B) The jelly-like material inside the cell
 C) The control center of the cell D) The structure that produces hormones

7. Which type of cell usually has a large central vacuole?

- A) Animal cell B) Plant cell
 C) Bacterial cell D) Muscle cell

8. Which statement correctly compares plant and animal cells?

- A) Both have chloroplasts. B) Both have cell walls.
 C) Both have nuclei. D) Only animal cells have cytoplasm.

9. Which structure helps give plant cells their rigid shape?

- A) Cell wall B) Cytoplasm
 C) Mitochondrion D) Ribosome

Name _____ Date _____

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