

Name: _____

Date: _____

Directions: Read the following questions carefully and choose the letter that best describes the answer.

1. Which part of the cell is responsible for controlling the activities of the other parts of the cell?

- a. Vacuole
- b. Nucleus
- c. Cell membrane

2. Why does a plant cell have a fixed shape and an animal cell does not?

- a. Plant cells have larger vacuoles than animal cells.
- b. The process of photosynthesis causes plant cells to have a rigid shape.
- c. The cell membrane of a plant cell is surrounded by a cell wall.

3. What are the tiny cell organs that produce protein?

- a. Smooth ER
- b. Ribosomes
- c. Lysosomes

4. Which of the following structures is found in both plant and animal cells?

- a. Mitochondria
- b. Cell wall
- c. Chloroplast

5. Which part of the cell is responsible for breaking down used organelles and essentially "digesting" substances?

- a. Rough ER
- b. Smooth ER
- c. Lysosome

6. Which structure is only found in animal cells?

- a. Pinocytotic vesicle
- b. Golgi apparatus
- c. Nucleolus

7. Plant and animal cells are eukaryotic. This means they...

- a. Are able to multiply.
- b. Have a nucleus.
- c. Contain DNA and RNA.

8. The internal parts of a cell are suspended in a jelly-like liquid called the...

- a. Centrioles
- b. Golgi apparatus
- c. Cytoplasm

9. _____ is the part of the plant cell that makes the process of photosynthesis possible.

- a. Rough ER
- b. Centrioles
- c. Chloroplast

10. What part of the cell allows materials to enter and exit the cell?

- a. Cell membrane
- b. Cell wall
- c. Golgi apparatus