

Name \_\_\_\_\_

## CELL PARTS READING GUIDE

Directions—Address each of the following questions in the spaces provided.

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1. List the three parts to the Cell Theory.
2. List and briefly describe four common features of cells.
3. Briefly describe the characteristics of a prokaryotic cell.
4. Define what is meant by a eukaryotic cell.
5. Define what is meant by the nucleus.
6. Define what is meant by an organelle.
7. Describe what cilia are and their function (how are cilia and flagella similar and different)
8. What is the function of the cytoskeleton?

9. What is the function of the plasma membrane?

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10. Name the molecule that is located inside the nucleus and is responsible for controlling the activities in a cell.

11. What is the function of ribosomes?

12. What does the endoplasmic reticulum look like and what function does it serve in cells?

13. What is a vesicle?

14. What is the function of the golgi apparatus?

15. What are the functions of lysosomes?

16. Draw what a mitochondria looks like and explain its function.

17. Identify and explain three unique features in plant cells.