

Name \_\_\_\_\_

Date \_\_\_\_\_

Class Period \_\_\_\_\_

## Chapter 3 Quiz Review

**Answer the following questions either on this paper or your own attached paper.**

1. Define cell membrane.
2. Define cell wall
3. Define channel protein
4. Define chloroplast.
5. Define cilia.
6. Define cytoplasm
7. Define eukaryote
8. Define golgi apparatus.
9. Define lysosome.
10. Define marker protein.
11. Define mitochondria
12. Define nucleus.
13. Define prokaryote.
14. Define receptor protein.
15. Define ribosome.
16. Define vacuole
17. Does the cell's size depend in the organism's size?
18. How do you calculate the magnification of a microscope?
19. List the three parts of the cell theory.
20. Name the parts of a cell that are found in plants and not animals and their functions.
21. What determines the amount of mitochondria a cell has?
22. What does the cell membrane do and what is an everyday thing that functions the same?
23. What is the surface-area-to-volume ratio of a small cell compared to a large cell?
24. Why do cells have different sizes and shapes?

25. Label the following parts of the microscope.

