

Name: _____
Period: _____

Cell Test Study Guide

(40 pts.)

1. Write the functions for the following cell parts (10 pts):
 - a. Cell wall -
 - b. Cell membrane -
 - c. Chloroplast -
 - d. Ribosome -
 - e. E.R. -
 - f. Golgi -
 - g. Lysosome -
 - h. Vacuole -
 - i. Mitochondria -
 - j. Cytoplasm -

2. What are 3 main characteristics that make a plant cell different from an animal cell? (3 pts.)

3. What cell parts were you able to see with a light microscope? Why weren't you able to see all of the ones that we learned about? What type of microscope would you need to see all the parts? (3 pts.)

4. What is the definition of osmosis? (1 pt.)

5. Ellie wants to keep her celery fresh to take to school the next day. She decides that she'll put her celery sticks in salt water to keep them firm. Why would this be a bad idea? Explain in terms of osmosis! (2pts.)

6. What is the difference between a fact and an inference? (1 pt.)

7. What are the 5 Levels of Organization in living organisms? (5 pts)
- a. _____
 - b. _____
 - c. _____
 - d. _____
 - e. _____
8. List 3 examples of organs. (3 pts)
9. List 3 examples of organ systems. (3 pts)
10. List 3 examples of organisms. (3 pts)
11. Which organ system is responsible for the movement of blood through the body?
What is its major organ? (2 pts)
12. Which organ system is responsible for getting oxygen to our cells and getting rid of CO₂? What is its major organ? (2 pts)
13. What organ system is responsible of breaking down food into small particles?
What is one of its major organs? (2 pts)