

Science Test chapter 7

Name _____

Date _____

Answer:

1. Who was the first to discover cells? _____

2. What are the four statements of the cell theory?

3. What are specialized cells? _____

4. What are four similarities that all cells share?

List the function for each:

5. cell wall: _____

6. Endoplasmic reticulum - _____

7. Ribosome - _____

8. Golgi body - _____

9. Lysosome - _____

10. Cytoskeleton - _____

11. Mitochondria - _____

12. Nucleus - _____

13. Nucleolus - _____

14. Vacuole - _____

15. What are three difference between Prokaryotic and Eukaryotic cells (If you can list all four - bonus points)

16. List the three differences between plant and animal cells.

17. What process converts light energy into chemical energy?

18. Why does a plant wilt? - explain from a cellular prospective.

19. Draw and label a plant cell - include at least 5 organelles. (bonus points for more)

20. Draw and label an animal cell - include at least 5 organelles. (bonus points for more)