

CELL THEORY STUDY GUIDE

Remember all science assessments are testing you on your critical thinking skills on the topics presented. You will not see any question that will evaluate you on recall (remembering or memorizing a fact).

So, THINK LIKE A SCIENTIST!!

Tips:

a) If we did not cover it, then any possible answer is wrong.

b) Do not read anything into the test.

1. Know the three parts of the cell theory.
2. Know the three concepts of the cell theory.
3. Follow the cell theory rule.
4. Follow the cell theory rule.
5. Follow the cell theory rule.
6. Know the hierarchy of cells, organisms, tissues, organs and organ systems.
7. Know the hierarchy of cells, organisms, tissues, organs and organ systems.
8. Know that nerve cells carry messages
9. Now the function of the heart.
10. Know the similarities and differences between single cell and multicellular organisms.
11. Know how cells operate.
12. Know what happens to a cell if homeostasis is not maintained.
13. Know how cells survive.
14. Know what happens when a cell needs to replace a damaged or dead one.
15. Know the importance of having tissues, organs, and organ systems.
16. Know the common parts of eukaryotic and prokaryotic cells.
17. Know the shapes of cell walls.