

1. What did Robert Hooke do?
 - a. Observed “little boxes” and coined the name “cells”
2. What did Anton Van Leewonhoek do?
 - a. Observed the first actual microorganism
3. What is cell theory?
 - a. All living things are composed of cells and come from preexisting living things
4. What is mycology?
 - a. Study of fungi
5. True or false: a cell wall is the same as a cell membrane.
 - a. False
6. Where do archaea live?
 - a. Extreme environments
7. True or false: all viruses have a lipid envelope.
 - a. False
8. What is bioremediation?
 - a. The process of bacteria degrading matter and cleaning up wastes
9. What are the three domains?
 - a. Bacteria, archaea, eukarya
10. How do you correctly write using binomial nomenclature?
 - a. Genus and specific epithet, italicized and genus capitalized
11. What is the theory of spontaneous generation?
 - a. The idea that living organisms could arise from nonliving matter
12. What is the idea of biogenesis?
 - a. The hypothesis that living organisms arise from preexisting life
13. What did Louis Pasteur do?
 - a. Proved biogenesis
14. How did Pasteur prove biogenesis?
 - a. He used an S-shaped flask to keep microbes out of the broth but let air in. heated the broth but didn't cover it