

1. Describe the differences between Prokaryotic and Eukaryotic cells.
2. Outline a brief biographical sketch of Charles Darwin and the role he played in the development of the theory of evolution by natural selection.
3. List and describe the levels of biological organization.
4. Summarize the main ideas of the theory of evolution by natural selection.
5. Identify and explain the role of DNA and RNA and describe the structure of a nucleotide.
6. What is taxonomy? List the taxa. What are the three domains?
7. Explain the difference between the independent and dependent variables. Explain how to set up a line graph. What is a control group?
8. How would you explain the difference between “science” and “technology”? How would you explain the difference between a “hypothesis” and a “theory”?