

1. Describe the “inner life of a cell.” (10) (That means this is worth 10 points. You need to use your cell vocabulary to tell what is in the cell and to describe cell processes. 1 point for each one)
2. Tell three properties of water. (3)
3. What are the two sides of the pH scale? (2)
4. Name two types of “acids.” (2)
5. Describe the process of photosynthesis. (5—Again, this is 5 points, so you need to make five points or use five key words, etc.)
6. Describe the process of respiration. (5)
7. Describe mitosis. (5)
8. Describe meiosis. (5)
9. Describe the structure and function of DNA and RNA. (6)
10. Discuss genetics, explaining how certain traits show up or don’t show up in successive generations. (4)
11. Give two examples of animal adaptations (name the adaptation and give an example). (4)
12. Name one type of symbiotic relationship. Define it and give an example. (3)
13. Name two examples of human impact on the environment. (2)
14. What is the process of natural selection ? (2)
15. Name the three domains and six kingdoms of living things. (9) Spelling does not count.
16. Describe how a virus attacks the body and how the body attacks back. (6)
17. What are protists ? (3)
18. What are fungi ? (3)
19. Name three classifications of invertebrates. Name characteristics of animals in each of those classifications and name an example of each. (9 parts to this)
20. Name three classifications of vertebrates. Name characteristics of animals in each of those classifications and name an example of each. (9)