**The Organization of Life Review Questions**

1. Where does most of the energy in an ecosystem come from?
2. What is the definition of a species? Give an example.
3. What is the definition of an organism’s habitat? Give an example.
4. Organisms can adapt to their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. What is an adaptation? What causes adaptations? Give an example.
6. Describe coevolution and give an example.
7. How many scientific kingdoms of life are there currently?
8. Organisms in which kingdom help convert nitrogen gas into a usable form (nitrogen fixation)?
9. What is an angiosperm? Why do land animals need angiosperms? How do angiosperms reproduce?
10. Compare and contrast biotic and abiotic factors. Give examples of each.
11. Define population and give an example.
12. Why are bacteria and fungi important to ecosystems? Which role do they play?
13. Which kingdoms contain organisms that can make their own food?
14. Describe a gymnosperm. Give an example.
15. Describe how organisms develop resistance to chemicals.
16. To which kingdom to most bacteria belong?
17. Explain natural selection? Who came up with this idea?
18. Describe artificial selection and give an example.
19. Compare and contrast pro-and eukaryotic cells.
20. A mushroom is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ structure of a fungus.
21. To which kingdom to yeasts belong?
22. Describe what the vascular tissue of a plant is. Give an example.
23. Which type of plants were some of the first to colonize land?
24. Describe the adaptations that make insects so diverse and successful.