

## Assessment

**Chapter Test - Practice Test****The Organization of Life****MATCHING**

In the space provided, write the letter of the term that best matches the description.

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|--|-------------|
| _____ 1. One species causes malaria.                             | a. bacteria |
| _____ 2. Some cause diseases such as athlete's foot.             | b. fungi    |
| _____ 3. These organisms are the source of most food humans eat. | c. protists |
| _____ 4. E. coli is one of these.                                | d. plants   |
| _____ 5. Some of these organisms have vertebrae.                 | e. animals  |

**MULTIPLE CHOICE**

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

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| _____ 6. Which of the following organisms does not belong with the rest?<br>a. moss<br>b. grass<br>c. algae<br>d. wild flower  | _____ 9. Which of these sentences does <i>not</i> describe part of the process of evolution by natural selection?<br>a. The environment contains limited resources.<br>b. Organisms produce more offspring than will survive to reproduce.<br>c. Communities include populations of several species.<br>d. Organisms in a population differ in their traits. |
| _____ 7. Which of the following describes soil and temperature in an ecosystem?<br>a. abiotic factors<br>b. biotic factors<br>c. unnecessary factors<br>d. selection factors | _____ 10. Some snakes produce a powerful venom that paralyzes their prey. This poison is an example of<br>a. coevolution.<br>b. an adaptation.<br>c. a reptile.<br>d. a biotic factor.   |
| _____ 8. Which of the following is part of an organism's habitat?<br>a. shelter<br>b. food<br>c. water<br>d. all of the above  |  |

**Chapter Test *continued***

**COMPLETION**

**Write the answer to the following questions in the space provided.**

11. If an insect is no longer killed by an insecticide, it has developed a(n) \_\_\_\_\_ to the chemical.
12. Most bacteria, including the kinds that cause disease and those found in garden soil, belong to the kingdom \_\_\_\_\_.
13. The initial source of food in most ocean and freshwater ecosystems are \_\_\_\_\_.
14. The initial source of food in most land ecosystems are \_\_\_\_\_.
15. Pine trees and other conifers are classified as \_\_\_\_\_ because they are woody plants whose seeds are not enclosed in fruits.

**SHORT ANSWER**

**Write the answers to the following questions in the spaces provided.**

16. Angiosperms and animals depend on each other. Using an apple tree and bees as examples, explain how these organisms depend on each other.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

17. More insects exist on Earth than any other type of animal. Describe the characteristics insects have that make them so successful.

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\_\_\_\_\_

**Chapter Test** *continued*

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**18.** Choose any organism and describe its adaptations. Explain how each adaptation might help it survive.

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**19.** Explain the difference between a community and a population. Provide a specific example of each.

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**20.** Imagine a population of small birds that feed only on snails. They use their hooked, needle-like beaks to pull snails from their shells. Explain how these birds might have evolved their specialized beaks.

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**21.** Predict what might happen to birds with beaks specialized for eating snails if the snail's habitat were destroyed? Explain your answer.

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**22.** List the five components that an ecosystem must contain to survive.

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**Chapter Test** *continued*

23 List the kingdoms of organisms and characteristics of each kingdom.

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24. What would happen to organisms in the ocean if all the protists died? Explain your answer.

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25. Your neighbor is bothered by insects and wants to spray his yard and garden with insecticide to get rid of them. Explain how you would convince your neighbor that this is not a good idea.

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