

## Skills Worksheet

# Study Guide

**MATCHING**

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

- |   |                      |
|---|----------------------|
| _____ 1. an individual living thing   | a. ecosystem         |
| _____ 2. a group of various species that live in the same place and interact with each other              | b. population        |
| _____ 3. living or once living part of an ecosystem   | c. natural selection |
| _____ 4. unequal survival and reproduction that results from the presence or absence of particular traits | d. organism          |
| _____ 5. all the organisms living in an area and their physical environment                               | e. resistance        |
| _____ 6. change in the genetic characteristics of a population from one generation to the next            | f. abiotic factor    |
| _____ 7. all the members of the same species that live in the same place at the same time                 | g. evolution         |
| _____ 8. nonliving part of an ecosystem   | h. species           |
| _____ 9. ability of one or more organisms to tolerate a particular chemical designed to kill it           | i. community         |
| _____ 10. group of organisms that are closely related and that can mate to produce fertile offspring      | j. biotic factor     |

**MULTIPLE CHOICE**

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

- \_\_\_\_\_ 11. What kind of habitat does a salamander need to survive?
- a. damp forest floor
  - b. sunny top of a tree
  - c. dry forest floor
  - d. sunny desert rock

**Study Guide *continued***

- \_\_\_\_\_ 12. Which of the following kingdoms include organisms that can make their own food?
- protists and plants
  - plants and animals
  - fungi and plants
  - fungi and protists
- \_\_\_\_\_ 13. The Chihuahua is a dog that exists because of
- natural selection.
  - artificial selection.
  - resistance.
  - abiotic factors.
- \_\_\_\_\_ 14. Humans have promoted the evolution of insects that are resistant to insecticides by
- trying to control pests with chemicals.
  - using insecticides that are outdated.
  - using the wrong insecticide.
  - breeding more useful insects.
- \_\_\_\_\_ 15. Which of the following is not true of an adaptation?
- It is an advantage to an organism in certain environments.
  - It increases an organism's chance of reproducing.
  - It increases an organism's chance of survival.
  - It decreases an organism's chance of evolving.
- \_\_\_\_\_ 16. Which of the following is not one of the kingdoms of living things?
- Fungi
  - Bacteria
  - Animalia
  - Protista
- \_\_\_\_\_ 17. One way that bacteria and fungi are important to the environment is that they
- produce oxygen.
  - use the sun's energy to make their own food.
  - are a major food source in many ecosystems.
  - break down dead organisms.
- \_\_\_\_\_ 18. Phytoplankton are important protists because they are the initial source of
- food in most land ecosystems.
  - food in most ocean and freshwater ecosystems.
  - oxygen in the atmosphere.
  - Both (a) and (b)
- \_\_\_\_\_ 19. Many angiosperms depend on
- other animals in the oceans.
  - gymnosperms for reproducing.
  - plants for food.
  - animals to carry pollen and disperse seeds.
- \_\_\_\_\_ 20. Which of the following characteristics is shared by bacteria, fungi, and plants?
- They usually have cell walls.
  - They have cell nuclei.
  - They are single celled.
  - They have the ability to make their own food.