

# Study Guide

## MATCHING

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

- |  |                   |
|--|-------------------|
| _____ 1. wetland dominated by nonwoody plants                            | a. swamp          |
| _____ 2. precipitation that can carry pollutants into aquatic ecosystems | b. benthic zone   |
| _____ 3. amount of dissolved salts in water                              | c. dams           |
| _____ 4. wetland dominated by woody plants                               | d. decomposers    |
| _____ 5. area where fresh water mixes with salt water                    | e. littoral zone  |
| _____ 6. limestone ridges built by tiny animals                          | f. eutrophication |
| _____ 7. located near the bottom of a pond or lake                       | g. overfishing    |
| _____ 8. organisms that break down dead organisms                        | h. salinity       |
| _____ 9. increase in nutrients in an aquatic ecosystem                   | i. runoff         |
| _____ 10. aquatic zone found near the shore                              | j. marsh          |
| _____ 11. threat against a river ecosystem                               | k. coral reefs    |
| _____ 12. threat against marine organisms                                | l. estuary        |

## MULTIPLE CHOICE

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

- \_\_\_\_\_ 13. Estuaries are productive ecosystems because they constantly receive nutrients from
- rivers and oceans.
  - coral reefs.
  - lakes and ponds.
  - photosynthesis.

**Study Guide *continued***

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- \_\_\_\_\_ 14. Which of the following is a factor that influences where an organism lives in an aquatic ecosystem?
- a. sunlight
  - b. nutrient availability
  - c. temperature
  - d. all of the above
- \_\_\_\_\_ 15. In which of the following aquatic ecosystems are both littoral and benthic zones most likely found?
- a. open ocean
  - b. coral reef
  - c. lake
  - d. none of the above
- \_\_\_\_\_ 16. What is the source of most ocean pollution?
- a. activities on land
  - b. climate changes
  - c. aquatic animals
  - d. none of the above
- \_\_\_\_\_ 17. Estuaries
- a. are always saltwater ecosystems.
  - b. are always freshwater ecosystems.
  - c. are ecosystems where both fresh water and salt water are present.
  - d. prevent the development of salt marshes.
- \_\_\_\_\_ 18. All of the following are examples of saltwater ecosystems except
- a. mangrove swamps.
  - b. coral reefs.
  - c. salt marshes.
  - d. the Florida Everglades.
- \_\_\_\_\_ 19. One way in which wetlands control flooding is by
- a. filtering out water pollutants.
  - b. absorbing water from rivers.
  - c. providing habitats for migratory wildlife.
  - d. reducing the amount of carbon dioxide released into the air.
- \_\_\_\_\_ 20. Which of the following is not a threat to coral reefs?
- a. silt runoff
  - b. excessive nutrients
  - c. growth of algae
  - d. zooplankton