

Assessment

Chapter 3 Practice Test

The Earth's Ecosystems

MULTIPLE CHOICE

Circle the letter of the best answer for each question.

1. What is permafrost?
 - a. dry desert soil
 - b. muddy soil
 - c. ice on the tundra
 - d. soil that is always frozen

2. Which of the following is a key abiotic factor in rivers?
 - a. number of fish
 - b. speed of water
 - c. amount of salt
 - d. how animals adapt

3. Which of the following ocean animals need warm water to live?
 - a. whales
 - b. barnacles
 - c. animals on the ocean floor
 - d. animals in coral reefs

4. How does a swamp differ from a marsh?
 - a. It has salt water.
 - b. It has trees.
 - c. It has many birds.
 - d. It has very wet soil.

Chapter Test *continued*

Circle the letter of the best answer for each question.

5. Which ocean temperature zone is the warmest?
 - a. surface zone
 - b. thermocline
 - c. deep zone
 - d. littoral zone

6. Which of the following is NOT an intertidal area?
 - a. sandy beach
 - b. coral reef
 - c. rocky shore
 - d. mudflat

7. What makes it possible for many animals to live in the polar ice ecosystem?
 - a. cold air
 - b. large numbers of plankton
 - c. floating algae
 - d. coral reefs

8. Which lake zone is closest to the land's edge?
 - a. open-water zone
 - b. deep-water zone
 - c. littoral zone
 - d. tributary

Chapter Test *continued*

MATCHING

Read the description. Then, draw a line from the dot next to each description to the matching term.

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|--|---|-------------------------|
| 9. has the greatest biological diversity of any land biome | ● | a. temperate grassland |
| 10. has trees with cones | ● | b. coniferous forest |
| 11. has grasses as its main plants | ● | c. alpine tundra |
| 12. is found on mountain tops | ● | d. tropical rain forest |
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- | | | |
|--|---|--------------------|
| 13. the ocean floor | ● | a. neritic zone |
| 14. is where the ocean meets the land | ● | b. oceanic zone |
| 15. has warm water and sunlight | ● | c. benthic zone |
| 16. is where the sea floor drops sharply | ● | d. intertidal zone |

Chapter Test *continued*

FILL-IN-THE-BLANK

Read the words in the box. Read the sentences. **Fill in each blank** with the word or phrase that best completes the sentence.

swamp	forest	wetland	marsh
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17. An important ecosystem for flood control is a _____.
18. A wetland with no trees is a _____.
19. An ecosystem that has trees and is partly under water is a
_____.
20. A lake filled with sediment may become a wetland and then a
_____.