

Goal • Check your understanding of Chapter 3.

What to Do

Choose the letter of the best answer.

1. Which of the following statements correctly describes water's specific heat capacity?
 - A. It takes a large amount of heat to increase water's temperature a small amount.
 - B. It takes a small amount of heat to increase water's temperature a large amount.
 - C. Water loses heat to the air around it quickly.
 - D. In the winter, large areas of land are warmer than the water near them.
2. Which of the following statements is false?
 - A. El Niño can cause droughts, forest fires, severe storms, and flooding.
 - B. El Niño is a phenomenon caused by slow trade winds.
 - C. La Niña is a phenomenon caused by unusually cold ocean temperatures.
 - D. La Niña results in decreased numbers of phytoplankton.
3. Which of the following best describes where wetlands can be found?
 - A. in areas surrounding rivers, lakes, and streams
 - B. in areas where glaciers are melting
 - C. in spaces between particles in rock
 - D. under areas covered in ice
4. How do plants at the surface of oceans produce their nutrients?
 - A. convection
 - B. digestion
 - C. photosynthesis
 - D. turbidity
5. What does bioluminescence describe?
 - A. sea creatures that eat other sea creatures
 - B. sea creatures that live in the dark
 - C. sea creatures that make their own light
 - D. sea creatures that need light to live
6. Which of the following is an example of point-source pollution?
 - A. air pollution from cars
 - B. increased erosion from forestry
 - C. pesticides from farming
 - D. polluted water coming from a factory

7. Why is most of the pollution in the world's oceans found along the coasts of continents?
- High winds along coasts blow garbage against the land.
 - It rains less along coasts, so pollution is not washed away.
 - That is where most of the population lives.
 - That is where the garbage in the ocean builds up.
8. Which of the following is the main source of pollution causing acid precipitation?
- air pollution
 - garbage dumps
 - oil spills
 - water pollution
9. What does the pH scale show?
- amount of living things in water
 - how dirty water is
 - levels of acidity
 - temperature of water

Match the Term on the left with the best Descriptor on the right.
Each Descriptor may be used only once.

Term	Descriptor
_____ 10. acid precipitation	A. tiny animals that eat other types of plankton
_____ 11. estuary	B. microscopic plants that use photosynthesis to produce their nutrients
_____ 12. plankton	C. builds up where a river meets the ocean
_____ 13. zooplankton	D. caused by chemicals combining with water in the atmosphere

Short Answer Questions

14. Describe three ways estuaries and wetlands in Newfoundland and Labrador are important.

DATE:

NAME:

CLASS:

BLM 1-49
continued

15. (a) Explain how the Green Crab came to exist in Placentia Bay.

(b) Explain how the Green Crab in Placentia Bay disrupts the ocean's food web.

16. (a) Name the difference between point source and non-point source pollution.

(b) Give an example of each.

Point source: _____

Non-point source: _____