

# AQUATIC ECOSYSTEMS & BIOMES WORKSHEET

## MATCHING

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

_____ 1. wetland dominated by non woody plants	a. swamp
_____ 2. precipitation that can carry pollutants into aquatic ecosystems	b. benthic zone
_____ 3. amount of dissolved salts in water	c. decomposers
_____ 4. wetland dominated by woody plants	d. littoral zone
_____ 5. area where fresh water mixes with salt water	e. salinity
_____ 6. located at the bottom of a body of water	f. runoff
_____ 7. organisms that break down dead organisms	g. marsh
_____ 8. leads to an increase in nutrients in an aquatic ecosystem	h. estuary
_____ 9. aquatic zone found near the shore	

## MULTIPLE CHOICE

\_\_\_\_\_ 10. Estuaries are productive ecosystems because they constantly receive nutrients from  
 a. rivers and oceans.      b. coral reefs.      c. lakes and ponds.      d. photosynthesis.

\_\_\_\_\_ 11. 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.

\_\_\_\_\_ 12. In which of the following aquatic ecosystems are both littoral and benthic zones likely?  
 a. open ocean      b. coral reef      c. lake      d. none of the above.

\_\_\_\_\_ 13. 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.

\_\_\_\_\_ 14. Wetlands are important, as they  
 (a) remove excess nutrients from runoff before it empties into rivers or lakes.  
 (b) provide a safe, lush habitat for many species of animals.  
 (c) store excess water from floods.  
 (d) all of the above.

\_\_\_\_\_ 15. Organisms that live deep in the ocean must be able to  
 (a) withstand extreme water pressure, very hot water, and complete darkness.  
 (b) withstand extreme water pressure, very cold water, and complete darkness.  
 (c) withstand extreme water pressure, cold water, and limited sunlight.  
 (d) none of the above.

\_\_\_\_\_ 16. Nekton are \_\_\_\_\_, and benthos are \_\_\_\_\_.  
 (a) aquatic animals that swim, aquatic organisms that crawl on the bottom.  
 (b) aquatic animals that crawl on the bottom, aquatic organisms that swim.  
 (c) bacteria and algae, tiny animals that feed on nekton.  
 (d) decomposers, fish and shrimp.

\_\_\_\_\_ 17. Aquatic biomes are defined in terms of which abiotic factors? (1) sunlight (2) dissolved oxygen and nutrients (3) temperature (4) moisture.  
 (a) 1 only      (b) 1 and 2      (c) 3 and 4      (d) 1, 2, 3, and 4.

## Aquatic Ecosystems Matching Answers

**Robert L. Janiskee, G. Tyler Miller, Jr.**

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web if the meaning is not exactly the same the words have very similar meanings in the context when two words are synonyms of one another we call them synonymous words let us take the example of the word jump the words leap bounce hop are all synonymous to jump i.e. they have the same or very similar meanings