[ame	Clas	ss Date
iection 4–4	Aquatic Ecosystem	<b>1S</b> (pages 106–112)
describes the characto	the main factors that govern a eristics of freshwater ecosysten ferent marine zones.	
ntroduction (p	age 106)	
. Aquatic ecosyste overlying water		ed by what characteristics of the
a	c	
b	d	
. What does the d	lepth of the water determin	e?
3. What does wate	er chemistry primarily refer	to?
. What are the tw	systems (pages 106–107) to main types of freshwater	-
<b>a.</b>	o main types of freshwater	ecosystems? _ <b>b.</b> ate?
a  What are the tw  a  Where do flowing	ng-water ecosystems origina	b
a 5. Where do flowing 6. How does the control of the	ng-water ecosystems origina	bate?ng-water ecosystem affect the ecosystem?
a 5. Where do flowing 6. How does the control 7. What is plankto	ng-water ecosystems original	ate?
a 5. Where do flowing 6. How does the control 7. What is plankto	ng-water ecosystems original irculating water in a standir	ate?
a 5. Where do flowing 6. How does the control 7. What is plankto	ng-water ecosystems original firculating water in a standir n?  ble about kinds of plankton	ate?
a 5. Where do flowing 6. How does the control 7. What is plankto 6. Complete the tall	ng-water ecosystems original irculating water in a standirular n?  ble about kinds of plankton KINDS OF F	bate?

## © Pearson Education, Inc. All rights reserved.

Name	Class	Date
<b>10.</b> What is brackish water	?	
11. What are three main ty	pes of freshwater wetlands?	
a	b	с
<b>12.</b> What distinguishes a n	narsh from a swamp?	
Estuaries (page 108)		
<b>13.</b> What are estuaries?		
14. Tiny pieces of decaying	g plants and animals make up the	that
•	nisms at the base of an estuary's fo	
	sentence that is true about estuar	
a. Most primary produ	action is consumed by herbivores.	
<b>b.</b> They contain a mixt	ture of fresh water and salt water.	
c. Sunlight can't reach	the bottom to power photosynthe	esis.
<b>d.</b> They are affected by	the rise and fall of ocean tides.	
<b>16.</b> What are salt marshes?		
<b>17.</b> What are mangrove sw	vamps, and where are they found?	
Marine Ecosystems (p	pages 109–112) e of the ocean?	
<b>19.</b> The permanently dark	zone below the photic zone is call	led the
<b>20.</b> What are the three mai distance from the shore	in vertical divisions of the ocean base?	ased on the depth and
a	b	с
<b>21.</b> Circle the letter of each	sentence that is true about the intert	tidal zone.
<b>a.</b> Organisms there are surroundings.	e exposed to extreme changes in th	neir
<b>b.</b> The rocky intertidal	zones exist in temperate regions.	

c. Organisms are battered by currents but not by waves.d. Competition among organisms often leads to zonation.

© Pearson Education, Inc. All rights reserved.

Naı	me Date							
22.	What is zonation?							
23.	What are the boundaries of the coastal ocean?	_						
24.	<b>24.</b> Why is the coastal ocean often rich in plankton and many other organisms?							
25.	A huge forest of giant brown algae in the coastal ocean is a(an)							
	Circle the letter of each sentence that is true about coral reefs.  a. The coasts of Florida and Hawaii have coral reefs.  b. The primary structure of coral reefs is made of the skeletons of coral animals.  c. Almost all growth in a coral reef occurs within 40 meters of the surface.  d. Only a few organisms are able to live near coral reefs.  What are the boundaries of the open ocean?							
	The benthic zone covers the ocean  What are the boundaries of the benthic zone?							
30.	Organisms that live attached to or near the bottom of the ocean are called	_						

Name	Class		Date				
WordWise							
Answer the questions by writing the correct in the blanks. Use the circled letter from each Then, write a definition for the hidden word.	h term to find		4				
What are physical factors that shape ecos	systems?						
What is the full range of physical and biological conditions in which an organism lives and the way in which the organism uses those conditions?							
What are the planktonic animals called?							
	. <u> </u>						
What is a layer of permanently frozen subsoil in the tundra?							
What is the average, year-after-year conc particular region?	dition of tem	perature and pre	ecipitation in a				
Hidden Word:							
Definition:							