Name	Clas	S	_ Date
Section 4-4	Aquatic Ecosys	tems (pages	106-112)
Key Concepts	}		
	nain factors that govern aqua	tic ecosystems?	
• What are the ty	wo types of freshwater ecos	stems?	
• What are the cl	haracteristics of the differen	t marine zones?	
ntroduction (page 106)		
Aquatic ecosyste overlying water?	ms are primarily determined	by what characteristi	ics of the
	c		
	d		
2. What does the de	epth of the water determine?		
3. What does water	chemistry primarily refer to	?	
a.	osystems (pages 106 main types of freshwater edge-water ecosystems originate	osystems?	
4. What are the two a. 5. Where do flowing 6. How does the circ 7. What is plankton	osystems (pages 106 main types of freshwater ed	osystems? be? water ecosystem affects	ct the ecosystem?
4. What are the two a. 5. Where do flowing 6. How does the circ 7. What is plankton	osystems (pages 106 main types of freshwater edge-water ecosystems originate culating water in a standing?	osystems? be? water ecosystem affects	ct the ecosystem?
4. What are the two a. 5. Where do flowing 6. How does the circ 7. What is plankton 8. Complete the tab	osystems (pages 106 main types of freshwater edge-water ecosystems originate culating water in a standing?	osystems? be? water ecosystem affect	ct the ecosystem?
4. What are the two a. 5. Where do flowing 6. How does the circ 7. What is plankton 8. Complete the tab	osystems (pages 106 main types of freshwater edge-water ecosystems originate culating water in a standing? le about kinds of plankton. KINDS OF	osystems? be? water ecosystem affect	ct the ecosystem?
4. What are the two a. 5. Where do flowing 6. How does the circ 7. What is plankton	osystems (pages 106 main types of freshwater edge-water ecosystems originate culating water in a standing? le about kinds of plankton. KINDS OF Organisms	osystems? be? water ecosystem affect	ct the ecosystem?
4. What are the two a 5. Where do flowing 6. How does the circ 7. What is plankton 8. Complete the tab	osystems (pages 106 main types of freshwater exgression originate grade ecosystems originate culating water in a standing? le about kinds of plankton. KINDS OF Organisms Unicellular algae	osystems? b. e? water ecosystem affect PLANKTON How Nutrition Obtain	ct the ecosystem?

lame	Class	Date
0. What is brackish water?		
1. What are three main type		
* -		C
Estuaries (page 108)		
• • • • •	plants and animals make up the	
provides food for organi	sms at the base of an estuary's f	ood web.
5. Circle the letter of each s	sentence that is true about estuar	ries.
a. Most primary produc	tion is consumed by herbivores.	
b. They contain a mixtu	re of fresh water and salt water.	
c. Sunlight can't reach t	he bottom to power photosynthe	esis.
d. They are affected by	the rise and fall of ocean tides.	
6. What are salt marshes?		
7. What are mangrove swar	mps, and where are they found?	
Marine Ecosystems (
8. What is the photic zone of	of the ocean?	
9. The permanently dark zo	one below the photic zone is call	led the
20. What are the three main from the shore?	vertical divisions of the ocean b	eased on the depth and distance
a		
b		

Nan	Name Class	Date				
21.	21. Circle the letter of each sentence that is true about	out the intertidal zone.				
	a. Organisms there are exposed to extreme cha	nges in their surroundings.				
	b. The rocky intertidal zones exist in temperate	regions.				
	c. Organisms are battered by currents but not b	y waves.				
	d. Competition among organisms often leads to	d. Competition among organisms often leads to zonation.				
22.	22. What is zonation?					
23.	23. What are the boundaries of the coastal ocean?					
24.	24. Why is the coastal ocean often rich in plankton	and many other organisms?				
25.	25. A huge forest of giant brown algae in the coasta	d ocean is a(an)				
26.	26. Circle the letter of each sentence that is true about	out 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 with	in 40 meters of the surface.				
	d. Only a few organisms are able to live near co	oral reefs.				
27.	27. What are the boundaries of the open ocean?					
28.	28. The benthic zone covers the ocean					
29.	29. What are the boundaries of the benthic zone?					
30.	30. Organisms that live attached to or near the bottom	om of the ocean are called				
	·					