Name:	-884		Class:		Date:	ID: B
Unit 5	O	ceanography				
Multip	le C	hoice				
Identify	the	choice that best compl	etes the statement	or answer	s the question.	
	1.	Approximately how m	nuch of Earth's sur	face is cov	ered by water?	
		a. 50 percent	•	c.	70 percent	
		b. 30 percent		d.	40 percent	
	2.	The largest of Earth's	oceans is the	ille b		
		a. Atlantic		c.	Pacific	
		b. Arctic		d.	Indian	
	3.	Which of the followin	g is NOT consider	ed one of t	the four major oceans?	
		a. Indian		c.	Atlantic	
		b. Pacific		d.	Antarctic	
	4.	Isolated volcanic peak	s on the ocean floo	or are calle	d	
		a. plateaus		c.	seamounts	
		b. ridges		d.	nodules	
	5.	What technology do s	cientists use to mea	asure ocea	n depth?	
		a. laser		C.	sonar	
		b. rope		d.	submersible	
	6.	Which of the followin				
				that were	previously unreachable by hum	ans
		b. map the ocean su	•	0.1		
			er for long periods	of time		
	_	d. both a and c			a survivor ou they by output shifts	
	7.		g is NOT one of the		jor regions of the ocean floor?	
		a. coastal plain		c.	continental margins	
		b. ocean basin floor		d.	mid-ocean ridges	1-2-6
	8.	Mineral-rich water, he	eated by newly form	ned ocean	ic crust, escapes through cracks	in the ocean floor called
		·				
		a. nodules		C.	hydrothermal vents	
		b. rifts		d.	trenches	
	9.	Where does seafloor s				
		a. at divergent plate	S	c.	near the ocean surface	
		b. on seamounts		d.	at convergent plates	
	10.		lly expressed in	<del>ni</del> todi i	- Harring and the following	
		a. parts per billion		c. ,	parts per thousand	
		b. charts		d.	chemical formulas	
	11.		g is NOT a process		eases the salinity of seawater?	
		a. evaporation		c.	precipitation	
		b. icebergs melting		d.	runoff from land	
	12.		oid temperature cha	inge with o	lepth is known as the	
		a. trophic level		c.	deep zone	
		<ul><li>b. mixed zone</li></ul>		d.	thermocline	

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	13.	What is density?  a. weight-per-unit mass  c. mass-per-unit volume
	11	b. weight-per-unit volume  d. mass-per-unit area  In addition to collinity, what forter offsets the description of the collinity what forter offsets the description of the collinity when the collinity wh
	14.	In addition to salinity, what factor affects the density of seawater?  a. depth  c. temperature
		b. latitude d. salt content
	15.	The energy that drives surface ocean currents comes from .
		a. temperature differences c. wind
		b. wave action d. salinity variations
	16.	What causes surface ocean currents to be deflected?
		a. deep currents  c. global winds
	17	b. Earth's revolution d. the Coriolis effect
	17.	The rising of cold water from deeper layers to replace warmer surface water is called  a. a surface current upwelling
		<ul><li>a. a surface current</li><li>b. the Coriolis effect</li><li>c. upwelling</li><li>d. reflection</li></ul>
	18.	The horizontal distance between two successive crests is called the .
	10.	a. fetch c. wavelength
		b. wave period d. wave height
	19.	Which of the following is visible evidence of energy passing through water?
		a. sea arch c. density tide
		b. wave d. Coriolis effect
	20.	The height, length, and period of a wave does NOT depend upon which of the following?
		a. wind speed
		b. fetch
		c. tidal range
		d. the length of time the wind has blown
		iding, as it is not a grow of a singulation of a
Comp	letio	n
Compl	ete e	each statement.
	21.	The ocean floor contains mountain ranges, trenches, and flat regions called
		New is formed at mid-ocean ridges as magma rises between diverging plates and
		cools.
	23.	A thermocline is not present in high latitudes; instead, the water column is
	24.	The ocean's surface water temperature varies with the amount of solar radiation received, which is primaril a function of
	25.	Most ocean waves obtain their energy and motion from the
	26.	is the time it takes one wavelength to pass a fixed position.
Short	Ansv	wer
	27.	Describe temperature and light conditions on the deep-ocean floor.
	28.	What causes a density current?