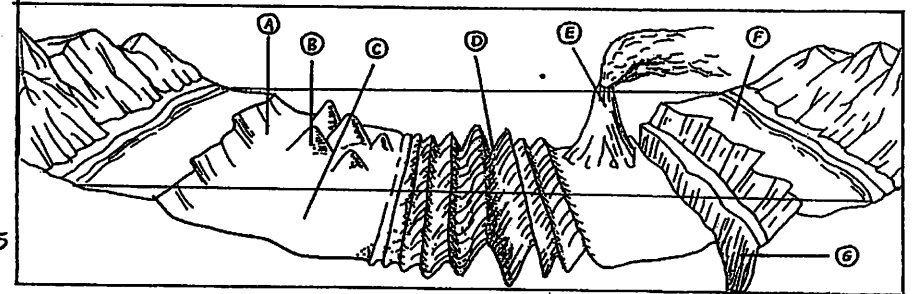


Name Key

Oceanography Review

1. Approximately what percentage of the Earth is covered by water? 70-71%
2. What percentage of the Earth's water is salt water? 97.5%
3. Which type of salt is the most abundant in the ocean? Sodium Chloride
4. What happens to the water pressure as depth increases? increases
5. What happens to the temperature as depth increases? decreases (colder)
6. What causes most surface currents? Wind
7. What causes most surface currents to move in a circular motion? Coriolis Effect, continents
8. Water vapor from Volcanoes may have aided in the formation of the oceans.
9. High evaporation and freezing temperatures can cause the salinity to increase.
10. When the bottom of a wave snags the ocean floor, the crest topples over forming a breaker
11. The dark, deep flat part of the ocean floor is called the abyssal plain
12. A volcano/mountain that rises above sea level is called a volcanic island
13. The part of the continent extended under the ocean is called the continental shelf
14. An underwater mountain range formed by diverging plates is called mid-ocean ridge
15. The steep edge of the continent (where the continent meets the ocean floor) is called the continental slope
16. An undersea volcano (usually formed by hotspots) is called a seamount
17. The deepest part of the ocean floor formed by subducting plates is called a trench.
18. The lowest point of a wave is called the trough.
19. The highest point of a wave is called the crest.
20. The distance between 2 consecutive crests is called wavelength.
21. The distance between a crest and trough of the same wave is called amplitude.
22. Waves carry energy, NOT water.
23. How do surface currents affect climate? cold currents → cool climate
warm currents → warm climate
24. How does temperature affect density currents?
cold water sinks, warm water rises
25. How does salinity affect density currents?
salty water sinks, less salty water rises

THE OCEAN FLOOR



- A Continental slope
- B Seamount
- C abyssal plain
- D mid-ocean ridge
- E Volcanic island
- F continental shelf
- G trench

