**Cornell Notes Chapter 5 Section 1 (pages 124-129) notebook page 63**

**CURRENTS** (section title put at top of notebook page along with date)

1. What are ***ocean currents***?
2. What means of power did explorer Thor Heyerdahl use to travel from Peru to Polynesia on a raft?
3. What are ***surface currents***?
4. What are the three factors that control surface currents?
5. What can you compare ***global winds*** to (hint: figure 3 page 125)?
6. How does wind blow near the equator?
7. How does wind blow near the poles?
8. What is the ***Coriolis effect***?
9. What is ***continental deflection***?
10. Where do warm water currents form?
11. Where do cold water currents form?
12. Explain in which direction currents in the northern hemisphere move (use figure 6 on page 127)
13. Explain in which direction currents in the southern hemisphere move (use figure 6 on page 127)
14. What is a ***deep current***?
15. What two factors affecting ***density*** are responsible for the formation of deep currents?
16. Digram figure 7 into your notebook with captions as to the 3 ways density increases in deep currents.
17. Explain what is happening in figure 8 and diagram this in your notebook.

**Now add your Summary** (use summary on page 129 as a guide and include all these points, but put it in your own words!)

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