**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_**

**Vocabulary Chapter 15: Oceanography**

1. **Figure 15-6 and its caption** – p. 389

|  |  |
| --- | --- |
| Hemisphere that contains the majority of Earth’s **land & continents** | Hemisphere that is covered by the **most water** |
|  |  |

1. **Figure 15-7 and its caption** – p. 389
2. What is the **largest ocean**?
3. What large continent borders the eastern side of the Atlantic Ocean south of the equator?
4. **Figure 15-13 its caption** – p. 395

|  |  |
| --- | --- |
| List 2 ways salt is **added** to seawater | List 2 ways salt is **removed** from seawater |
|  |  |

1. **Fig 15-14 p.396 & its caption** – p.396

**\*\*Different colors of light vary in how deep they penetrate the ocean water.**

|  |  |
| --- | --- |
| Color of light  **absorbed the quickest**, near surface of the ocean | Color of light that  **penetrates the deepest** into the ocean |
|  |  |

1. **Figure 15-16 and its caption** – p. 397
2. What is the name of the ocean layer at a depth of 3000 meters?
3. The thermocline layer varies in depth. According to THIS graph, how many kilometers deep is the deepest part of the thermocline layer?
4. What is the division into layers based on?
5. **Figure 15-23 & its caption**: p.404
6. What is the name of the **current** along the eastern edge of South America?
7. What is the name of the **gyre** between South Africa and South America?
8. What direction is that gyre circulating - clockwise or counter-clockwise?
9. Based on the direction of water flow, would you predict the water along the eastern coast of South America is warm or cold? Explain why.

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| --- | --- | --- | --- |
| **QUIZ #1 WORDS** | | | |
|  | **Word** | **Definition (FROM QUIZLET!!)** | **Confidence Interval (1-10)** |
|  | **Oceanography** |  |  |
|  | **Sea Level** |  |  |
|  | **Sea** |  |  |
|  | **Salinity** |  |  |
|  | **Temperature Profile** |  |  |
|  | **Thermocline** |  |  |
| **QUIZ #2 Words** | | | |
|  | **Wave** |  |  |
|  | **Crest** |  |  |
|  | **Trough** |  |  |
|  | **Fetch** |  |  |
|  | **Breakers** |  |  |
|  | **Tides** |  |  |
|  | **Density Current** |  |  |
|  | **Surface Current** |  |  |
|  | **Spring Tides** |  |  |
|  | **Neap Tides** |  |  |
|  | **Gyres** |  |  |
|  | **Upwelling** |  |  |