

**UNIVERSITY OF AGRICULTURE, ABEOKUTA**

**COLLEGE OF ENVIRONMENTAL RESOURCES MANAGEMENT**

**DEPARTMENT OF AQUACULTURE AND FISHERIES MANAGEMENT**

**SECOND SEMESTER 2009/2010 SESSION**

**FIS 310: OCEANOGRAPHY**

**INSTRUCTION: Answer ALL questions in Section A and any other TWO in Section B**

**TIME ALLOWED: 2HOURS**

**SECTION A**

1. The scope of oceanography that deals with the study of earth crust and the processes operating within it including those responsible for the distribution of sediment in ocean basin is called -----
2. Which of the world oceans is located between Africa and Europe to East and America to the west? -----
3. Surface water salinity is usually affected by ----- and -----
4. State the broad objective of Oceanography -----  
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5. How does ice crystal formation on the surface of the oceans influence salinity? -----  
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6. State four importance of ocean
  - i. -----
  - ii. -----
  - iii. -----
  - iv. -----
7. Where is the origin of the ocean? -----  
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8. What is the mass of chloride(g/kg) when the salinity of an ocean water sample is 39‰? -----



iii. -----

19. When does spring tide occur? -----  
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20. Mention two most important external forces that cause currents on the ocean -----  
----- and -----

21. Describe Coriolis effect in relation to ocean current -----  
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22. Why is upwelling not common in sub-tropical oceans?  
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23. Why does ocean water appear blue? -----  
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24. The ocean current that is found around the West African coast is called-----  
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