



Uva Wellassa University  
Faculty of Animal Science & Export Agriculture  
BSc in Aquatic Resources and Technology



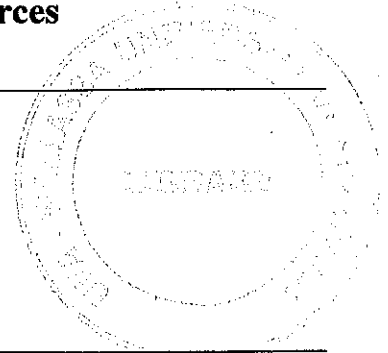
End Semester Examination – February/March 2011  
Year II Semester I

AQT 211-1: Non-living Ocean Resources

**Instructions**

Answer **four (04)** questions including Questions 4 and 5

No. of questions : Five (05)  
No. of pages : One (01)  
Time allocated : One hour (01 hr)  
Total marks allocated : 100



1. (i) Give a brief account on the origin of earth's water and oceans based on different hypotheses.  
  
(ii) Describe the sea floor spreading phenomenon in the context of the theory of plate tectonics.
2. Write illustrated notes on the following.
  - (i) Five coastal landforms
  - (ii) Morphology of the sea floor
  - (iii) Internal structure of the earth
3. (i) (a) State the definition of a mineral.  
(b) How are minerals classified based on their chemical composition?  
(c) What are the uses of minerals?  
  
(ii) Describe how sedimentary rocks are formed by earth's surface processes.
4. Write a detailed account on the offshore petroleum resources discussing the types, chemistry and methods of formation.
5. Briefly explain different origins of marine mineral resources. Describe the mineral resources found on the sea bed and mention their uses.

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