

Uva Wellassa University of Sri Lanka  
Faculty of Animal Science & Export Agriculture



Aquatic Resources Technology Degree Programme  
Year III Semester I

End Semester Examination – September/ October 2015

AQT 311-2 Oceanography and Ocean Resources Technology  
Section II (Essay)

**Instructions**

Answer all questions in Section II in booklets provided.

No. of questions : Two (02)

No. of pages : One (01)

Time : One hour (01 hr)

Total marks allocated : 60%

1. I. Discuss how Ekman transport define the Ocean Surface Circulation pattern.

(75 marks)

II Briefly explain thermohaline circulation and formation of deep waters

(75 marks)

(Total 150 marks)

2. Write **three (03)** short notes on the followings. (Limit the answer to 200 words for each).

- I. Convection model of plate motion.
- II. El Niño and its impact on marine environment.
- III. Formation and breaking of ocean waves.
- IV. Depositional coasts.

[End of Section II]



(06/50 = 150 marks)