

Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Science and Technology
300 Level 1st Semester Examination – May/July 2017
MRT 379-2 Oceanography



Instructions to candidates

Duration: 02 hours

Number of questions: Four (04) Essay

Answer All Questions

Mark allocation: 100 Marks

1. "Chemosynthesis is the major primary production process in the deep sea environment". Discuss this statement providing evidences.

(100 marks)
2. Write short notes on the following
 - (II) Westward Intensification

(20 marks)
 - (II) Impacts of ocean acidification

(40 marks)
 - (III) Importance of Marine Sediments

(40 marks)
3. "Atmospheric circulation is controlled by uneven solar heating and coriolis effect". Discuss this statement explaining hypothetical and actual atmospheric circulation pattern.

(100 marks)
4. Describe the formation mechanism of La Niña and its impacts on coastal nations.

(100 marks)

[End]

