



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

BSc in Aquatic Resources Technology
Year II Semester II
End Semester Examination – August/September 2011

Management of Marine Aquatic Resources: AQT 231-2
Essay Questions (Section II)

Instructions

Answer all questions in Section II in booklets provided.

No. of questions : Two (02)
No. of pages : Two (02)
Time : Sixty minutes (60 min)
Total marks allocated : 60%

Index No:

1. An environmental scientist has discovered the oceanic environment near to Negombo region is highly polluted by oil during past 10 years due to human activities. **Oil pollution** has become one of major reason that leads to create the stress condition in this marine environment.

a) Define the term “Oil Pollution”.

(02 marks)

b) Explain how the stress condition is developed by Oil pollution on marine eco systems and associated organisms.

(20 marks)

c) He expects to implement the cleaning measures to manage the oil spills in this region. Briefly describe the cleaning methods that can be used to manage the oil pollution.

(08 marks)

2. Write short notes on the following.

- a. Importance of the **Fisheries and Aquatic Resources Act** for protection of biological resources in the ocean.
- b. Usage of **Benthic macro invertebrates** as bio indicators.
- c. **Management of fishery resources** in the ocean with the support of relevant communities.

(10×3=30 marks)

[End of Section II]