



**Uva Wellassa University of Sri Lanka
Faculty of Animal Science & Export Agriculture
BSc in Aquatic Resources Technology Degree Programme**



**Year I Semester II
End Semester Examination - August/ September 2011**

AQT 113-3 Biology, Anatomy and Physiology of Aquatic Animals

Essay Questions (Section II)

Instructions

Answer **all** questions in Section II in given answer scripts.

- No. of questions : Three (3)
- No. of pages : One (01)
- Time : One and half hours (1½ hrs)
- Total marks allocated : 60%



1. Describe the structure and function of the digestive system of a Bivalve. (40 marks)

2. Discuss the Anatomical differences of body walls of Cnidarians and Poriferans. (40 marks)

3. (a) Briefly describe the digestion in stomach and intestinal area of a typical bony fish. (20 marks)

- (b) Write short notes on **two (02)** of the following **(limit the answer to 150 words for each)**
 - (i) Absorption Process of fish digestion.
 - (ii) Circulatory system of bony fish.
 - (iii) Osmoregulation of migratory fishes.

(10 x 2 = 20 marks)

End of Section II