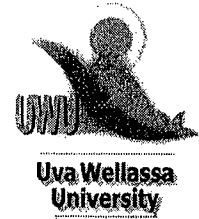


**Uva Wellassa University of Sri Lanka  
Faculty of Animal Science & Export Agriculture**



**BSc in Aquatic Resources Technology  
Year I Semester II  
End Semester Examination – September / October 2013**

**AQT 113-3 Biology, Anatomy and Physiology of Aquatic Animals  
Essay Questions (Section II)**

**Instructions**

Answer **all** questions in Section I in given Booklet.

No. of questions : Three (03)

No. of pages : One (01)

Time : One and half hours (1½ hrs)

Total marks allocated : 60%

Index No:



1. Common carp (*Cyprinus carpio*) is an omnivorous fish species. Describe the anatomy of the digestive tract based on their feeding pattern.

(20 marks)
2. Describe the mechanism of blood circulation in Crustaceans.

(20 marks)
3. Write short notes on any **two (02)** of the following.
  - a) Anatomy of the nephron (functional unit of the fish kidney) (10 marks)
  - b) Osmoregulation in fish (10 marks)
  - c) Ecdysis in Crustaceans (10 marks)

**[End of Section II]**