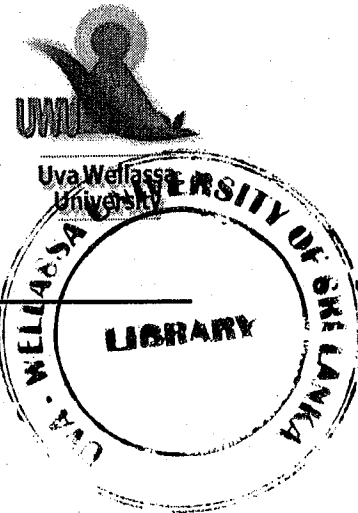


Uva Wellassa University
BSc in Aquatic Resources Technology

End Semester Examination March/April 2013.
Year IV Semester I

AQT 413-2 Aquatic Environment Microbiology-



Instructions

Answer all questions

No. of questions : Four (04)

No. of pages : One (01)

Total marks allocated : 100%

Time : Two hours (2 hrs)

1. What is an Aquatic environment?

Illustrate the typical structure of a fresh water lake environment and describe the distribution pattern of microorganisms in a lake giving reasons.

2. What are the advantages and disadvantages of an aquatic ecosystem over the terrestrial ecosystem when considering the existence of microorganisms.

3. What are the nutritional categories of Aquatic bacteria. Describe the procedure of preparing a nutrient agar medium for the cultivation of bacteria.

4. Write short notes on the following;

a. Generation time

b. Gram's stain.