

**UNIVERSITY OF RUHUNA**  
**BACHELOR OF SCIENCE IN FISHERIES AND MARINE SCIENCES DEGREE**  
**Level IV Semester I Examination - August/September 2018**

**AQU4112 – Methods for Aquaculture II (for tropical shellfish and other organisms)**

**Time – 1½ hours**

**Answer any three (03) questions**

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01. (a) List out culture methods that can be used for farming bivalves. (10 marks)  
(b) Briefly explain the culture methods that can be used for farming bivalves. (40 marks)
02. “Managing a *Eucheuma* farm is a challenge”. Describe how a sea weed farmer is facing these challenges when constructing and maintaining a sea weed farm. (50 marks)
03. Write short accounts on the following (50/3 marks for each)
- a) Frog culture
  - b) Basic crocodile welfare requirements
  - c) Cleaning of incoming brood stock in an oyster hatchery
04. Write a comparative account on the different types of grow out systems used in shrimp aquaculture industry. Give possible advantages and disadvantages with respect to each system. (50 marks)
05. Write short accounts on **any two** of the following. (25 marks each)
- (a) Actions to be taken ensuring a healthy post larval stock from a hatchery of shrimps
  - (b) Different culture methods used for crab culture.
  - (c) Conditions that should be maintained for a juvenile spiny lobster grow out system.
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