

UNIVERSITY OF RUHUNA  
BACHELOR OF SCIENCE IN FISHERIES AND MARINE SCIENCES DEGREE

Level III Semester I Examination

July/August 2015

AQU 3112 – Aquaculture Introduction

Answer any Four (04) questions

Time: 02 hours

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- 1) (a) Define “aquaculture”. (06 marks)  
(b) “Aquaculture systems can be classified according to the degree of intensity of culture”  
Explain. (42 marks)
- 2) Write a comparative account on cage culture and pen culture. (50 marks)
- 3) “Biological characteristics are important in selecting a species for aquaculture”. Justify this statement. (50 marks)
- 4) Write short notes on **any three (03)** of the following (50 marks)
  - a. Tide fed farms
  - b. Pump fed farms
  - c. Raceway aquaculture systems
  - d. Impact of exotic species in aquaculture
- 5) Describe the environmental impacts of land and water based aquaculture. (50 marks)
- 6) (a) Describe the types of ponds used for aquaculture. (20 marks)  
(b) What is meant by water intake into a fish farm? Describe with illustrations on two such types of water intakes. (30 marks)

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