

**UNIVERSITY OF RUHUNA**  
**BACHELOR OF SCIENCE IN FISHERIES AND MARINE SCIENCES DEGREE**  
**Level IV Semester I - July/August 2015**

**FSH 4112 – Fisheries Management**

**Time: 02 hours**

Answer **four** questions including **at least one** question from each part

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**Part I**

01. (a) Briefly describe how to distinguish a resource from a reserve. (20 marks)  
(b) Write an account on the division of mineral resources in order of increasing geological confidence. (30 Marks)
  
02. Write an account on the advantages of space mining when compared to sea bed dredging for non living natural resources. (50 marks)
  
03. Write short notes on **any two** of the following
  - (a) Application of the “Club of Rome” model for sustainable management of natural resources (20 marks)
  - (b) Sea water as a solution for depletion of water resources (30 marks)

## Part II

04. Write an essay on the potential future role of young generation of marine scientists to establish a vital link between the experts of today and those of tomorrow to claim for the outer edge of the continental margins of Sri Lanka in 2025. (50 marks)
05. (a). Briefly describe the basic property regimes in exploitation of renewable natural resources. (20 marks)
- (b). Explain how community-based fisheries management falls into these property regimes. (30 marks)
06. (a). Explain why disputes among fishing communities occur in many parts of Sri Lanka. (10 marks)
- (b). Giving at least three suitable examples from Sri Lanka, describe how fisheries authorities have taken steps to resolve conflicts among fishing communities. (40 marks).

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