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**RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES, MIHINTALE**

**B.Sc. (General) Degree in Applied Biology
Fourth Year – Semester I Examination – October/November 2015**

BIO 4209 - BIODIVERSITY AND ECONOMICS

Part II Essays

Instructions: Answer **two (02)** questions only

Write your index number in the question paper and in the answer script

Write your answers in the answer sheets provided

Hand over answer script to the examiner

Time: One (01) hour

Marks: 60

- 01 Discuss the appropriateness of biological and economic criterions of harvesting forests giving their advantages and disadvantages. **30 Marks**
02. Discuss the reasons for market failure providing appropriate examples **30 Marks**
03. i) Compare the properties of open access ocean fisheries and aquaculture and their implications on efficiency **15 marks**
- ii) What are the public policy options to reduce the inefficiency of fisheries **15 marks**