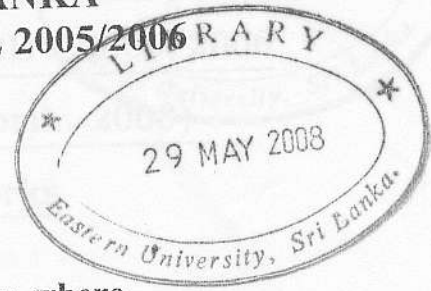


EASTERN UNIVERSITY, SRI LANKA  
THIRD EXAMINATION IN SCIENCE 2005/2006  
ZL 303 FISHERIES



Time: 1 hour

Answer all questions

(Illustrate your answers with clear labeled diagrams where necessary)

- 1.a. Define the term "Maximum Sustainable Yield (MSY)" ?  
Discuss the factors affecting the fish yield in the freshwater ecosystem.
- b. Explain the term "Sustainable Fishery Management" with respect to Sri Lanka.
  
- 2.a. Describe briefly the active fishing gears in practice in Sri Lanka.
- b. Comment on **two** of the following:
  - i) Polyculture
  - ii) Shrimp culture in Sri Lanka
  - iii) Paddy cum fish culture

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