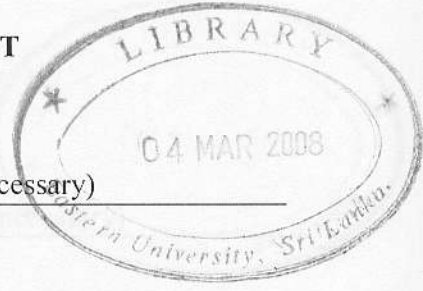


EASTERN UNIVERSITY, SRI LANKA  
SPECIAL DEGREE IN ZOOLOGY 2004/2005 (JUN/JUL 2007)

PART I

ZL-406- FISHERIES MANAGEMENT



Time: 03 hrs

Answer all questions.

(Illustrate your answers with clear labelled diagrams where necessary)

1. What is meant by Sustainable Fisheries Management? Discuss the ways and means by which fresh water Fisheries Management is practiced in Sri Lanka.
- 2.. Write an essay on fishing techniques in Sri Lanka.
- 3, Write notes on the following:
  - a. Sustainable fish yield
  - b. Gear selectivity
  - c. Factors affecting of growth
4. Discuss the importance of population dynamics studies in fishery management.
5. What is Fisheries Co-Management? Describe how it is applied in the Fishery sectors of Sri Lanka with an example.
6. Write notes on the following:
  - a. Age determination in Tropical fish
  - b Von- **Bertalanffy** growth model
  - c. K value

XXXXX