

EASTERN UNIVERSITY, SRI LANKA
SPECIAL DEGREE EXAMINATION IN ZOOLOGY 2003/2004(FEB/MAR 2006)
PART- I

ZL 406- FISHERIES MANAGEMENT

Time: **03**hours

Answer **all** questions

(Illustrate your answer with clear laebllled diagrams where appropriate)

1. Write an essay on fisheries management practices in use in developing countries.
2. Briefly comment on the problems associated with brackish water fisheries management and discuss the ways and means by which brackish water fisheries management can be undertaken effectively in Sri Lanka.
3. Write notes on the following:
 - a. Gear selectivity
 - b. Growth models
 - c. Beverton and Holt method for estimation of fish yield
4. "The knowledge of age and growth is important for fishery managers to maintain sustainable fishery management". Discuss this statement using appropriate examples.
5. Write notes on **two** of the following:
 - a. Coastal fishery in Sri Lanka
 - b. Factors affecting the growth and yield of fish
 - c. Biological fisheries management"
6. Discuss the methods by which the fish population in an aquatic system can be estimated.

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