



The Open University of Sri Lanka
B.Sc. Degree Programme – Level 5
Final Examination - 2008/2009
Course Code – ZOU3162 / ZOE5162 / ZOI5161
Course Title - Fish and Fisheries Biology
Duration – Two and a half hours

092

DATE – 23.01.2009

TIME – 1.30 pm - 4.00 pm

Answer any four (4) questions.

Wherever necessary illustrate answers with clearly labelled diagrams.

1. List the methods used in age determination of tropical fish? Explain one method in detail.
2. Discuss the role of exotic fish in the inland fisheries in Sri Lanka.
3. 'Gill nets are considered as an environmentally friendly fishing gear when compared with other types of nets' comment on this statement
4. What is meant by **fish yield**? Write an account on the factors that affect Fish yield.
5. Briefly explain the methods used in habitat improvement of fresh water and brackish water environments.
6. Write short notes on any two(2) of the following
 - (a) Osmoregulation of freshwater fish
 - (b) Air breathing fish
 - (c) Mark and recapture method

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