



EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN SCIENCE 2007/2008 (Dec 2008)
FIRST SEMESTER
ZL 302 FISH BIOLOGY

Time: 01 hour.

Answer all questions.

(Illustrate your answers with clear labeled diagrams where appropriate)

1. Comment briefly on :

a). Gape and suck feeding mechanisms Actinopterygian fishes.

b). Migratory patterns and their importance in fin fishes.

2. a) Define the term Fecundity. Discuss the types of reproduction seen in fin fishes. Explain briefly how fecundity is determined in fin fishes belonging to one of the reproductive types you have mentioned.

b) List the organs involved in maintaining osmotic balance in fishes and discuss briefly the mechanisms of osmotic regulation in euryhaline fishes..

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