

EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN SCIENCE 20010/2011
FIRST SEMESTER
ZL 302 Fish Biology



Time: **One** hour

Answer **All** questions

(Illustrate your answer with clear labeled diagrams where necessary)

1. a) Define the term fish and fishes and describe how fishes live successfully in different habitats of aquatic ecosystem.
 - b) Describe briefly about the reproduction and fecundity of the fish and discuss the ways by which you could determine the fecundity of the fish.
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2. Comment briefly on **all** of the following:
 - a) Buccal- Opercular pump
 - b) Swimming patterns in fish
 - c) Osmoregulatory mechanism in euryhaline species.

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