

EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN SCIENCE 2002/2003
FIRST SEMESTER (JUNE 2003)

ZL302- FISH BIOLOGY

Time: 01 hour

Answer all questions.

(Illustrate your answer with clear labelled diagrams wherever necessary.)

01. a). Discuss the use of condition factor and length - weight relationship in the fish biology studies. (30marks)
- b). Explain briefly food and feeding habits of fish. (20marks)
02. a). Describe the structure of fish gills and the counter current exchange mechanism which facilitates efficient oxygen uptake. Explain briefly buccal./opercular pump mechanism in teleost ventilation. (40marks)
- b). Comment on the lateral line and its function. (10marks)

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