0 4 JUN 2010

EASTERN UNIVERSITY, SRI LANKA THIRD EXAMINATION IN SCIENCE (SPECIAL REPEAT) - 2008/2009 (FEBRUARY-2010) FISH BIOLOGY - ZL 302

Time: 1 hour

Answer all questions:

(Illustrate your answer with clear labeled diagrams where necessary).

1. What is meant by the term "Adaptive Radiation"? Discuss the adaptive radiation of fin fish in the different aquatic ecosystem.

2. Comment on the following:

a). Fish Migration

b). Osmoregulatory Mechanism in Euryhaline species

e). Swimming Pattern in Fin fishes

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