

THE OPEN UNIVERSITY OF SRI LANKA
B.Sc. DEGREE PROGRAMME – LEVEL 5
FINAL EXAMINATION – 2009/2010
COURSE TITLE – AQUATIC BIOLOGY
COURSE CODE – ZOU3161 / ZOE5161 / ZOI5161
DURATION – TWO AND A HALF HOURS



DATE – 17. 06. 20¹⁰~~08~~

TIME - 1. 00 pm – 3. 30 pm

ANSWER ANY FOUR (4) QUESTIONS.
WHEREVER NECESSARY ILLUSTRATE ANSWERS WITH CLEARLY LABELED
DIAGRAMS.

1. a. Explain the characteristics of lentic fresh water habitats highlighting their importance for aquatic life.
b. Describe the life zones in lentic water bodies.
2. “Aquatic organisms show variety of adaptations for obtaining oxygen for their requirements”. Justify this statement giving examples.
3. a. Describe the zonation in Rocky Shores of Sri Lanka.
b. Explain how animals have adapted to live in eulittoral zone successfully.
4. Discuss the characteristic features unique to Estuarine and lagoonal ecosystems in Sri Lanka
5. Describe the physiological adaptations found in estuarine organisms.
6. Write short notes on two (2) of the following:
 - a. Coral formation
 - b. Ocean tides
 - c. Primary productivity in aquatic ecosystems
 - d. Pollution in stagnant waters

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