

EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 2007/2008 (DEC 2008)
FIRST SEMESTER
ZL 201 ECOLOGY

Time: 02 hours

Answer all questions.

(Illustrate your answer with clear labeled diagrams where appropriate)

1. Define/explain briefly the following:

- a) Biotic components
- b) Biome
- c) Heterotrophs
- d) Producers
- e) Immigration
- f) Migration
- g) Mortality
- h) Food web
- i) Rivers
- j) Thermal stratification
- k) Tropical rain forest of Sri Lanka
- l) Blooming
- m) Phytoplankton
- n) Zooplankton
- o) Synecology.

2. a) Briefly describe the different types of mangroves found in Batticaloa district.
- b) Describe the economic significances of mangroves to human welfare.
- c) Describe how would you make an awareness programme on the need for mangroves to humankind and the conservation process to the community.

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