

EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 2000/2001(2001/2002)
(April 2002)
SEMESTER I

ZL201 ECOLOGY



Time: 01 hour

Answer all questions.

(Illustrate your answers with clear, labelled diagrams wherever necessary).

1. Define /explain the followings:

- a) abiotic component
- b) biome
- c) heterotrophs
- d) producers
- e) immigration
- f) mortality
- g) food web ✓
- h) energy pyramid ✓
- i) mangrove plants
- j) endemic fauna
- k) rivers
- l) *Rhizophora* sp
- m) thermal stratification
- n) blooming
- o) planktons

- 2.
- a) Briefly describe the different types of aquatic weeds found in Sri Lanka.
 - b) Describe the economic significance of aquatic weeds.
 - c) Explain how could you control aquatic weeds and justify environmentally friendly method/s with valid reasons.

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