



EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 1999/2000 (MAY 2001)
SEMESTER-1

ZL 201 ECOLOGY

Time: **One hour.**

Answer **all** questions.

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

1. Define /explain the followings:

- a) Biotic components
- b) Ecosystem
- c) Autotrophs
- d) Heterotrophs
- e) Population
- f) Emigration
- g) Natality
- h) Food chain
- i) Pyramid of numbers or Numerical pyramid
- j) Fresh water pond
- k) Wetlands
- l) Aquatic weeds
- m) Tropical seas
- n) Temperate seas
- o) Conservation of endemic fauna

- 2.
- a) Briefly describe the types of coral reefs found in Sri Lanka.
 - b) Describe the possible threats to the coral reefs due to human activities.
 - c) Explain how one could reduce the risk of the loss of coral reef habitat to enhance the socio-economic status of fishermen and increase the sustainability of tourism industry.