



EASTERN UNIVERSITY, SRI LANKA
SECOND EXTERNAL DEGREE EXAMINATION IN SCIENCE
2002/2003 (Oct/Nov 2006)
FIRST SEMESTER

EXTZL-201- ECOLOGY

Time: One hour

Answer all questions

(Illustrate your answers with clear labeled diagrams where necessary)

1. Define / explain the following:-
- Abiotic component
 - Biotic component
 - Autecology
 - Synecology
 - Herbivorous
 - Species
 - Population
 - Food chain
 - Numerical pyramid
 - Different types of coral reefs in Sri Lanka

(60 marks)

2. Write Either

Describe a named biogeochemical cycle and indicate why cycling of such nutrient is essential in an ecosystem.

Or

Briefly describe the mangrove ecosystem and its socio-economic importance.

(40 marks)

XXXXX