

EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 20010/2011
FIRST SEMESTER
ZL 201 Principles of Ecology



Time : **Two** hour

Answer **All** questions

(Illustrate your answer with clear labeled diagrams where necessary)

01. Write short notes on **all** of the following:
- a. Autotrophs
 - b. Herbivores
 - c. Detritus
 - d. Natality
 - e. Population
 - f. Species
 - g. Food chain
 - h. Food web
 - i. J shaped curve and S shaped curve in a population
 - j) Renewable and Non-Renewable resources
- (40 marks)
02. Write briefly about the mangrove ecosystem and its services to the humanity and discuss how the human anthropogenic impacts affects such pristine ecosystem.
- (20 marks)
03. Discuss briefly about the aquatic weeds and state how best it could be controlled in an environmentally friendly way to avoid nuisance to humans.
- (20 marks)
04. a) Define the term Pollutants and Pollution.
b) Write ***either***
- i) How would you assist the Batticaloa Municipal council in disposing the garbage in a productive way?
- Or***
- ii) Describe different ways of pollution happening in the Globe.
- (20 marks)

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