

**EASTERN UNIVERSITY, SRI LANKA**  
**SECOND EXAMINATION IN SCIENCE 2009/2010**  
**External Degree**  
**EXT ZL 201 Ecology (Proper and Repeat)**



Time : **One** hours

Answer **All** questions

(Illustrate your answer with clear labeled diagrams where necessary)

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01. Write short notes on **all** of the following:
- a. Autotrophs
  - b. Carnivores
  - c. Detritivores
  - d. Mortality
  - e. Autecology
  - f. Species
  - g. Food chain
  - h. Food web
  - i. J shaped curve and S shaped curve in a population.
  - j) Population
02. Write briefly about the mangrove ecosystem and its services to the humanity and discuss how the human anthropogenic impacts affects such pristine ecosystem.

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