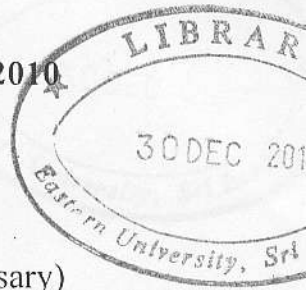


EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 2009/2010

ZL 201 Principles of Ecology



Time : **Two** hours

Answer **All** questions

(Illustrate your answer with clear labeled diagrams where necessary)

01. Write short notes on **all** of the followings:
 - a) Autotrophs
 - b) Herbivores
 - c) Detritivores
 - d) Nataliy
 - e) Synecology
 - f) Population
 - g) Food chain
 - h) Food web
 - i) J shaped curve and S shaped curve in a population

02. Describe briefly about the aquatic weeds and its significance to human health.

03. Write briefly about the mangrove ecosystem and its services to the humanity and discuss how the human anthropogenic impacts affects such pristine ecosystem.

04. a. What do your understand by the term pollution and pollutant
b. **Either**
How you would assist the Batticaloa Municipal Council towards managing the solid waste menace and describe how you would propose a mechanism to convert it as a useful energy source.
or
Describe the oil pollution and discuss the damages to the biodiversity of the oceanic ecosystem.

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