



EASTERN UNIVERSITY, SRI LANKA
SECOND YEAR IN SCIENCE 2012/2013 (April/May 2015)
ZL 201 Principles of Ecology (Proper and Repeat)

Time : **Two** hour

Answer all questions

(Illustrate your answer with clear labeled diagram where necessary)

1. Write short notes on all of the followings:

- a. Synecology
- b. Autotrophs
- c. Mortality
- d. Population
- e. Food web

(40 marks)

2. Write briefly about the mangrove ecosystem and discuss how the human anthropogenic impacts affect such pristine ecosystem.

(20 marks)

3. What are aquatic weeds? Briefly describe how best they could be controlled in an environmentally friendly way to avoid nuisance to humans.

(20 marks)

4. a) Define the following terms:

- i) Pollution
- ii) Pollutant

(05 marks)

b) Briefly explain the terrestrial pollution. Describe how terrestrial pollution could be mitigated by you as a university programme or a village programme.

(15 marks)

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