

EASTERN UNIVERSITY, SRI LANKA
FIRST YEAR IN SCIENCE 2012/2013- Aug/Sep 2015
CC104 Environmental Studies



Time : Three hours
Answer all questions

Illustrate your answer with clear labeled diagram where ever necessary)

1. Write brief description on **any four** of the followings:
 - a. Herbivores
 - b. Population
 - c. Autotrophs
 - d. Food chain
 - e. Detritus

 2. a) Define the term environment and ecosystem
b) Write an account on mangrove ecosystem.

 3. Describe briefly about the biogeochemical cycles and explain carbon cycle with diagrammatic representation only

 4. Write short notes on **any two** of the followings:
 - a) Soil erosion and its impacts
 - b) Biological magnification
 - c) Fossil fuels
 - d) Renewable and non renewable natural resources

 5. i) What is meant by the terms
 - a) Pollution
 - b) Pollutantii) Briefly explain the sources and types of pollution

 6. **Either** Describe the possible ways by which the municipal/village council recover energy from garbage collected from their vicinity.
- Or
Describe the ways by which the university premises will be made green and healthy from your gained knowledge in environmental studies.