

**EASTERN UNIVERSITY, SRI LANKA**  
**FIRST EXAMINATION IN SCIENCE 2009/2010 (May 2012)**  
**SECOND SEMESTER**  
**CC 104 Environmental Studies**



Time : 03 hours

Answer all questions

(Illustrate your answer with clear labeled diagrams where necessary)

1. Comment on **any three** of the following:-
  - a) Autotrophs
  - b) Herbivores
  - c) Omnivores
  - d) Decomposers
  
2. Write short notes on **any three** of the following:-
  - a) Biotic components and abiotic components of an ecosystem
  - b) Global warming and sea level rise
  - c) Deforestation and its effects
  - d) Soil erosion and its effects
  
3. Explain briefly about carbon cycle and indicate how the human anthropogenic activities damages the named cycle.
  
4.
  - a. Define the term pollution
  - b. Define the term pollutant
  - c. List the major terrestrial pollutants in your district
  
5. Briefly discuss any **two** of the following:-
  - a) Mangroves and its importance to the livelihood
  - b) Coral reefs in Sri Lanka
  - c) Biological magnification/ biomagnification of the harmful substances along the food chain
  
6.
  - a) Explain briefly about the non renewable resources with examples.
  - b) Provide the list of different mineral resources found in Sri Lanka.

XXXXXXXXXX