

EASTERN UNIVERSITY, SRI LANKA
FIRST EXAMINATION IN SCIENCE 2008/2009
SECOND SEMESTER
EXTCC 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) Producers
 - b) Herbivores
 - c) Omnivores
 - d) Decomposers
 - e) Pyramid of energy/ Energy pyramid

2. Write short notes on **any three** of the following:-
 - a) Biotic components of a named ecosystem
 - b) Eutrophication in aquatic systems
 - c) Deforestation and climate changes
 - d) Mangroves and economic importance

3. Explain briefly about **any one** of the biogeochemical cycle you have studied in your course and indicate how the human anthropogenic activities damages the above mentioned cycle.

4.
 - a. Define the term pollutant
 - b. Describe the different forms of pollutions with examples
 - c. Describe the mechanism by which the Batticaloa Municipal Council could reduce the solid waste menace to bring a healthy clean environment.

5. Briefly discuss any **two** of the following:-
 - a) Pollution and human health in Sri Lanka
 - b) Coral reefs in Sri Lanka
 - c) Biomagnification of the harmful substances along with the food chain

6.
 - a) Explain briefly about the renewable and non renewable resources with examples.
 - b) Provide the list of different mineral resources found in Sri Lanka.

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