

EASTERN UNIVERSITY, SRI LANKA
FIRST EXAMINATION IN SCIENCE 2002/2003 (May 2004)
SECOND SEMESTER
CC 104 ENVIRONMENTAL STUDIES



Time: 3 hours

Answer **all** questions.

(Illustrate your answers with clear labelled diagrams where necessary)

1. Comment on **any three** of the following:
 - a. Energy pyramid
 - b. Carnivores
 - c. Predators
 - d. Population
 - e. Autotrophs

2. Write short notes on **any three** of the following:
 - a. Deforestation and its effects.
 - b. Soil erosion and its effects
 - c. Eutrophication
 - d. Conservation of natural resources
 - e. Biological accumulation or biological magnification

3.
 - a. Explain the term biogeochemical cycle with examples.
 - b. Describe the nitrogen cycle.

4.
 - a. Comment on fossil fuels.
 - b. Distinguish between non-renewable and renewable biological resources.
 - c. Name **five** Sri Lankan non-living natural resources.

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5. Write an essay on pollution and human health.

6. a. What do you understand by the term pollutant?
b. List the main/major types of pollution in the global ecosystem
c. State the main sources of terrestrial pollution.