

EASTERN UNIVERSITY, SRI LANKA
SPECIAL DEGREE EXAMINATION IN ZOOLOGY (Part II)
2004/2005 (March/ April 2007)

ZL-407- Environmental Science



Time : 02 hours.

Answer **all** questions.

(Illustrate your answer with clear labelled diagrams where appropriate)

1. a). Define “ Environmental Impact Assessment”.
- b). Describe the E.I.A procedure to establish an industry in Sri Lanka.

2. a). Why are fossil fuels important and how are they formed?
- b). State the merits and demerits of surface and under ground coal mining.
- c). What are the impacts of burning of coal and other fossil fuels?

3. Describe the characteristics of any **three** biomes:
 - a). Tropical rain forest
 - b). Desert
 - c). Tundra
 - d). Savannah

4. a). “ Fresh water is considered as a presious physical resource on the planet”. Explain this statement.
- b). With the help of diagrams explain the water cycle.
- c). Describe human anthropogenic impacts on the water cycle.

XXXXX