

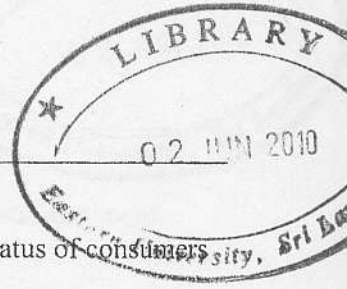
EASTERN UNIVERSITY, SRI LANKA
SPECIAL DEGREE EXAMINATION IN ZOOLOGY PART II (2007/2008)
(March 2010)

ZL 409 NATURAL RESOURCES MANAGEMENT AND DEVELOPMENTAL
PLANNING

Time: 03 hours

Answer all questions

(Illustrate your answers with clear labeled diagrams where necessary)



1. Discuss the relationship between energy use and socio economic status of consumers in Sri Lanka.

2. Write briefly about two of the following:
 - a. Rain fall and land slides in Sri Lanka
 - b. Chena cultivation
 - c. Soil erosion and its effects
 - d. Land degradation.

3. Describe forest resources in Sri Lanka and explain how they can be managed to preserve them for future generations.

4. List the mineral resources found in Sri Lanka and state briefly how gem mining affects the environment/ecosystem in Ratnapura district.

5. Describe briefly two of the following:
 - a. Pollution of ground water
 - b. Improper developmental planning leads to the destruction of existing balanced ecosystems and thereby the resources
 - c. Administrative Departments/Ministries involved in managing the aquatic resources of Sri Lanka.

6. Describe the freshwater resources of Sri Lanka and state how the prehistoric *purana* village complexes maintain surface floating water at maximal level for human use.

END