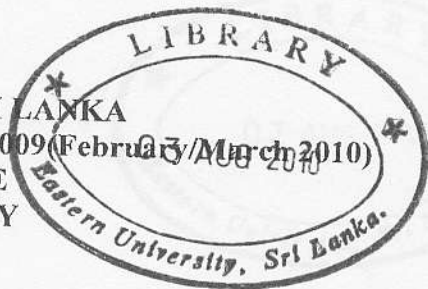


EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 2008/2009 (February/March 2010)
EXTERNAL DEGREE
EXT ZL 201 ECOLOGY



Time: 01 hours

Answer all Questions.

(Illustrate your answers with clear labeled diagrams where necessary)

1. Define/ explain briefly all of the following:
 - a. Heterotrophs
 - b. Producers
 - c. Migration
 - d. Immigration
 - e. Mortality
 - f. Food web
 - g. Food chain
 - h. Zooplanktons
 - i. Pyramid of numbers/Numerical pyramid
 - j. Ecosystem
 - k. Mangrove plant
 - l. Synecology
 - m. Corals in Shallow marine ecosystem
 - n. Biome
 - o. Population
2. Briefly describe the carbon cycle and state how human activities affect the carbon cycle.

or

Discuss briefly regarding the Antropogenic impacts to the mangrove ecosystems in Eastern Province and its effects to the socio-economics of the public in the region.

XXXXX