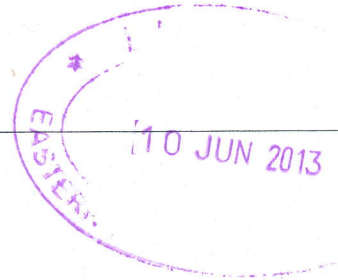


EASTERN UNIVERSITY, SRI LANKA  
SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2010 / 2011  
AEN 2101 ENVIRONMENTAL ENGINEERING

Answer **all** questions

Time: Two hours

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01. (a) What is environment?  
(b) List out the components of environment.  
(c) Classify and write a brief account on the structure of the atmosphere.  
(d) What are the major environmental problems associated with land and water resources in Sri Lanka?
02. (a) List and define the types of pollution.  
(b) Briefly describe the classification of air pollutants causing environmental pollution.  
(c) List out the environmental threats created by open dumping of solid wastes.
03. (a) Briefly describe the wastewater treatment process.  
(b) Discuss 'thermal treatment' of solid waste in solid waste management.
04. Write short notes on the following:  
(a) Trickling filter for wastewater treatment  
(b) Chapman Process of ozone destruction  
(c) Passive and active solar system
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