

EASTERN UNIVERSITY, SRI LANKA
FACULTY OF AGRICULTURE
SECOND YEAR, FRIST SEMESTER EXAMINATION IN AGRICULTURE -
2005/2006
AEN 2101 ENVIRONMENTAL ENGINEERING (3:30/30)

Time allowed: 2 hours
Answer all the questions

1.
 - a) What is waste management hierarchy?
 - b) List the types of primary pollutants causing air pollution.
 - c) Briefly discuss the effects of air pollution.

2.
 - a) List the sources of water pollution.
 - b) Discuss with necessary illustrations on advanced wastewater treatment methods.

3.
 - a) Enumerate the renewable energy sources.
 - b) Briefly discuss the advantages and disadvantages of the hydro power.
 - c) Write a brief account on bio-gasification.

4. Write short notes on the following:
 - a) Chemical analysis of wastes.
 - b) Fuel cells.
 - c) Sri Lanka Air Quality Index.