



11 OCT 2014

EASTERN UNIVERSITY, SRI LANKA

SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2006/2007

AEN 2101 –ENVIRONMENTAL ENGINEERING (3:30/30)

External Degree

Practical Examination

Repeat

Answer **all** questions

Time: Two hours

01. How can you advice the public to produce compost from solid waste collected from their households.

(The following aspects should be included in your report)

- Different methods of compost making
- Ingredients
- Procedure
- Different phases
- Duration from beginning to harvest
- Nature of end products

(Time allowed: One hour)

02. (a) What is engineered landfill in solid waste management?
- (b) Write the advantages and disadvantages of landfills in solid waste management.
- (c) Briefly discuss the “constructed wet land system” to treat the leachate from landfills.

(Time allowed: 30 minutes)

03. (a) What is water quality?
- (b) What are the parameters to be considered in water quality analysis?
- (c) Discuss the ways by which the quality of natural surface water is changed.

(Time allowed: 30 minutes)

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