



**EASTERN UNIVERSITY, SRI LANKA**

**SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE- 2007/2008**

**AEN 2101 Environmental Engineering (3:30/30)**

Answer all questions

Time allowed: Two hours

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1. (a) Give the major types of energy sources with suitable examples.  
(b) Write the advantages and disadvantages of the following;
  - i. Fossil fuel
  - ii. Hydro power
  - iii. Wind energy(c) Briefly describe the direct solar energy.
  
2. (a) What do you understand by the term 'environmental pollution'?  
(b) What are the types of pollutants causing water pollution?  
(c) What are the effects of land pollution?  
(d) How can you control the air pollution?
  
3. (a) List out the disposal methods and strategies in solid waste management  
(b) Discuss the components of solid waste management.  
(c) If a person asks about an eco-friendly method to dispose the solid waste, what you will suggest him for better management? Justify and describe your answer.
  
4. Write short notes on the followings;
  - a. Water management in dry zone
  - b. Energy from bio-mass
  - c. Problems associated with land resources.

(Contd. 2)