



The Open University of Sri Lanka  
Faculty of Engineering Technology  
Industrial Studies Program

Final Examination- 2006

**AEX3230/AED1209 Crop production and Farming Systems**

Date : 03-04-2007  
Time : 0930-1230 hrs

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## SECTION II

1.
  - a. What are the factors considered in the criteria for land leveling.
  - b. Discuss the benefits of land leveling in both irrigated and rain fed cultivations.
  
2. Describe the fertility regenerating techniques in farming systems.
  
3.
  - a. Classify the vegetables into groups and give three (3) examples for each group.
  - b. Describe the importance of vegetables in human nutrition.
  
4. Write short notes on three (3) of the following;
  - a. Multiple cropping
  - b. Grain legumes
  - c. Seed dormancy in paddy.
  - d. Post harvest handling of onions
  - e. Seed treatments.
  
5.
  - a. What are the objectives of pruning tea bushes.
  - b. Discuss the three main styles of pruning mature tea bushes.
  
6.
  - a. What are the planting systems practiced in establishing coconut as a monocrop.
  - b. Discuss the soil conservation measures adopted in coconut plantations.