



The Open University of Sri Lanka

Faculty of Engineering Technology

Final Examination- 2005

AEX3230 Crop production and farming systems

Date : 05-04-2006

Time : 0930-1230 hrs

SECTION 2: Answer any four (04) questions. All questions carry equal marks.

1. (a) Describe the importance of soil tillage in cultivation.
(b) Briefly explain the objectives of tillage.
3. (a) Write a brief note on the importance of Potato in human food.
(b) Discuss the factors determining the yield of Potato.
4. (a) Discuss the importance of inter cropping in a stable farming system.
(b) Write a brief note on the biological concept for intercropping.
5. Briefly discuss the pruning and training practices in coffee cultivation.
6. Briefly describe the purpose of alley cropping and explain how would you achieve it in the dry zone of Sri Lanka.
7. Write short notes on any three (03) of the following.
 - (a) Live mulch
 - (b) Zero tillage
 - (c) Importance of Vegetables in human diet
 - (d) Multiple cropping