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AEX3230 Crop Production and Farming Systems



The Open University of Sri Lanka  
Faculty of Engineering Technology  
Diploma/Degree in Technology and Industrial Studies (Agriculture)  
Final Examination- 2010/2011  
**AEX3230 Crop Production and Farming Systems**

Date : 02-04-2011  
Time : 14.00-17.00 hours

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**SECTION II: Answer any four (04) questions**

- (1) (a) Briefly outline the importance of tillage in agriculture.  
(b) Briefly discuss the factors which should be considered in bulb crops cultivation.
- (2) (a) Briefly outline the advantages of following recommendations in crop production.  
(b) Explain how do you manage a vegetable nursery in order to get quality planting material?
- (3) Briefly explain the importance of following practices in crop production;  
(a) Land preparation  
(a) Weed control  
(b) Soil fertility management
- (4) (a) Briefly outline the importance of soil fertility regenerating systems  
(b) Write a short essay on "Biological concepts of intercropping"
- (5) "Sri Lanka has great potential to earn foreign exchange by exporting plantation crops" discuss this statement in your point of view and how can you improve it.
- (6) Write short notes on any three (03) of the following.
  - (a) Characteristics of live mulch
  - (b) Stable farming systems
  - (c) Objectives of land levelling
  - (d) Purpose of practicing multiple cropping