

AEX3230/AEX4239 Crop Production and Farming Systems Final Examination -2014/2015



The Open University of Sri Lanka
Faculty of Engineering Technology

Diploma/Degree in Technology and Industrial Studies (Agriculture)

Final Examination -2014/2015

AEX3230/AEX4239 Crop Production and Farming Systems

Date : 07-08-2015
Time : 0930-1230
Duration : Three (03) hours

SECTION II: Answer any four (04) questions

- (1) (a) Briefly explain the importance of environment in plant growth.
(b) Briefly outline the factors to be considered in root crop cultivation.
- (2) (a) What is meant by "multiple cropping"?
(b) Briefly discuss the advantages of selecting good quality planting material for commercial plantations.
- (3) Briefly outline the importance of following in crop production.
 - (a) Tillage
 - (b) Soil conservation
 - (c) Use of organic fertilizer
- (4) (a) Categorize the vegetables grown in Sri Lanka.
(b) Briefly discuss the problems faced by vegetable farmers in Sri Lanka and suggest appropriate remedial measures to overcome them.
- (5) (a) Comment on "over use of agro-chemicals in agriculture"
(b) Briefly outline the advantages of following correct agronomic practices in crop production.
- (6) Write short notes on any three (03) of the following
 - (a) Biological concepts of intercropping
 - (b) Advantages of using plant growth regulators in crop production
 - (c) VP tea
 - (d) Yield determining factors of Sugarcane