

AEX4239/ AEX3230 Crop Production and Farming Systems Final Examination -2015/ 2016



The Open University of Sri Lanka
Faculty of Engineering Technology

Diploma/Degree in Technology and Industrial Studies (Agriculture)
Final Examination -2015/2016

AEX4239/AEX3230 Crop Production and Farming Systems

Date : 20-11-2016
Time : 0930-1230
Duration : Three (03) hours

SECTION II: Answer any four (04) questions

- (1) (a) What are the elements of natural environment?
(b) Briefly outline the climatic factors affect on crop production.
- (2) Briefly explain the importance of following in crop production.
(a) Soil fertility management
(b) Pest and disease control
- (3) (a) Briefly explain why do we use only recommended dosage of agrochemicals in crop production?
(b) Briefly outline the advantages of using organic fertilizer in vegetable cultivation.
- (4) (a) What is meant by stable farming systems?
(b) Briefly discuss the importance of tillage in agriculture.
- (5) (a) Briefly outline the vegetable types grown in Sri Lanka.
(b) Briefly discuss the importance of testing viability in vegetable seeds
- (6) Write short notes on any four (04) of the following
 - (a) Objectives of pruning in tea plantations
 - (b) Criteria for land levelling
 - (c) Bacterial wilt
 - (d) Importance of intercropping
 - (e) Shifting cultivation