



The Open University of Sri Lanka
Faculty of Engineering Technology

Diploma/Degree in Technology and Industrial Studies (Agriculture)

Final Examination -2012/2013

AEX3230 Crop Production and Farming Systems

Date : 10-08-2013
Time : 0930-1230
Duration : Three (03) hours

SECTION II: Answer any four (04) questions

- (1) (a) What is meant by stable farming systems?
(b) Briefly discuss the objectives of stable farming systems.
- (2) Briefly explain the importance of following in crop production.
 - (a) Selection of a site and seed bed preparation
 - (b) Nursery management
- (3) "Sri Lanka has much more variable climate which facilitates the cultivation of wide range of crops" Critically evaluate the statement.
- (4) (a) Briefly discuss the advantages of multiple cropping over sole cropping
(b) Write a short essay on "biological concepts of inter-cropping".
- (5) (a) Briefly outline the vegetable types grown in Sri Lanka.
(b) Briefly discuss the importance of fertility regenerating systems in crop production.
- (6) Write short notes on any four (04) of the following
 - (a) Management of a tea nursery
 - (b) Criteria for land levelling
 - (c) Live mulches
 - (d) Dapog nursery
 - (e) Rehabilitation of a cocoa cultivation