

The Open University of Sri Lanka  
Faculty of Engineering Technology  
Department of Agricultural and Plantation Engineering



Study Programme	:Bachelor of Industrial Studies Honours in Agriculture
Name of the Examination	:Final Examination
<b>Course Code and Title</b>	<b>:AGX4539/AEX4239 Crop Production and Farming Systems</b>
Academic Year	:2017/2018
Date	:29 <sup>th</sup> January 2019
Time	:0930-1230hrs

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

- (1) (a) What are the main environmental factors affecting in crop production?  
(b) Briefly discuss the importance of soil in crop production.
- (2) Briefly explain the importance of following practices in vegetable production.  
(a) Use of recommended varieties  
(b) Pest and disease control
- (3) “Sri Lanka has much more variable climate which facilitates the cultivation of wide range of crops” critically evaluate the statement.
- (4) (a) Write a short essay on importance of inter-cropping.  
(b) Briefly outline the advantages and disadvantages of tillage in crop production.
- (5) (a) Classify the vegetable types grown in Sri Lanka.  
(b) Briefly discuss the problems faced by the vegetable farmers in Sri Lanka and suggest appropriate remedial measures to overcome them.
- (6) Write short notes on any two (02) of the following.  
(a) Stable farming systems  
(b) Factors affecting bulb formation of onion.  
(c) Importance of testing viability of vegetable seeds

