

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
Course Code and Title	:AGX4539/AEX4239 Crop Production and Farming Systems
Academic Year	:2019/2020
Date	:29 th September 2020
Time	:0930-1230hrs

SECTION II: Answer any four (04) questions

- (1) (a) What are the elements of natural environment?
 (b) Briefly discuss the importance of soil in crop production.
- (2) Briefly explain the importance of following practices in vegetable production.
 (a) Use of improved varieties
 (b) Cultural practices
- (3) “Sri Lanka has a good potential to cultivate wide range of crops” critically evaluate the statement.
- (4) (a) Write a short essay on importance of fertility regenerating systems.
 (b) Briefly outline the advantages and disadvantages of using inorganic fertilizer in crop production.
- (5) (a) Classify the vegetable types grown in Sri Lanka.
 (b) Briefly discuss the importance of inter-cropping in crop production
- (6) Write short notes on any two (02) of the following.
 (a) Organic farming
 (b) Criteria for land levelling
 (c) Importance of testing viability of vegetable seeds

