

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	:AGI3552 Crop Production and Technology
Academic Year	:2019/2020
Date	:29 <sup>th</sup> September 2020
Time	:0930-1230hrs

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

- (1) (a) What is the difference between Saline soil and Alkali soil?  
 (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) (a) Write a short essay on principles of organic farming.  
 (b) Briefly outline the advantages and disadvantages of using inorganic fertilizer in crop production.
- (4) (a) Briefly discuss the fundamentals of nursery management.  
 (b) Briefly outline the importance of inter-cropping
- (5) (a) Classify the vegetable types grown in Sri Lanka.  
 (b) Briefly outline the plant propagation techniques that can be used in crop production
- (6) Write short notes on any two (02) of the following.
  - i. Biofertilizers
  - ii. Advantages of Hydroponics
  - iii. Importance of testing viability of vegetable seeds

