

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	: <b>AGI3552 Crop Production and Technology</b>
Academic Year	:2020/2021
Date	:13 <sup>th</sup> February 2022
Time	:14.00-17.00hrs

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

- (1) (a) What is meant by nursery management in crop production?  
(b) Briefly outline the fundamentals of nursery management.
- (2) (a) How do you explain the "Hydroponics" culture?  
(b) Briefly outline the advantages and disadvantages of the hydroponic culture in commercial crop production.
- (3) (a) What are the main insect and pest control methods in crop production?  
(b) Briefly explain the importance of effective management of pests and diseases in commercial vegetable cultivation.
- (4)(a) What are the main types of tea grown in Sri Lanka?  
(b) Briefly discuss the importance of selecting clones for commercial tea plantations.
- (5)(a) How do you classify the vegetables grown in Sri Lanka?  
(b) Write a short essay on "Weed control methods" in crop production.
- (6) Write short notes on any two (02) of the following
  - i. Problem soils
  - ii. Criteria for land leveling
  - iii. Main stages (steps) in Tissue culture process

