

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>:AGI3552 Crop Production and Technology</b>
Academic Year	:2022/2023
Date	:16 <sup>th</sup> February 2023
Time	:14.00-17.00hrs

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

- (1) (a) What are the advantages of Modern Agriculture?  
(b) Briefly outline the importance of using sustainable agricultural practices in crop production.
- (2) (a) Define the term “Hydroponics” culture.  
(b) Write a brief note on “Importance of soil in relation to plant growth”.
- (3) (a) What are the main insects and pests control methods in crop production?  
(b) Briefly explain the importance of using eco-friendly pests and disease control methods in vegetable cultivation.
- (4)(a) What are the soil fertility regenerating systems?  
(b) Briefly outline the importance of practicing fertility regenerating systems in commercial vegetable cultivation.
- (5) (a) Define the term organic farming.  
(b) Briefly outline the components of organic farming.
- (6) Write short notes on any two (02) of the following
  - i. Objectives of Stable Farming Systems
  - ii. Common fungal diseases in vegetables.
  - iii. Agronomic concepts of Intercropping.