

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	:2021/2022
Date	:16 th February 2023
Time	:13.30-16.30hrs

SECTION II: Answer any four (04) questions

- (1) (a) What is meant by tillage?
(b) Briefly outline the importance of selecting relevant tillage method in crop cultivation.
- (2) (a) How do you explain the "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 importance of soil fertility management in tea plantations ?
(b) Briefly outline the factors that control the choice of rubber clones for commercial planting .
- (5) (a) Classify the vegetables grown in Sri Lanka?
(b) Briefly outline the components of commercial nursery.
- (6) Write short notes on any two (02) of the following
 - i. Disease triangle
 - ii. Common bacterial diseases in vegetables
 - iii. Components of organic farming

