

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	:2023/2024
Date	:17 th February 2025
Time	:13.30-16.30

SECTION II: Answer any four (04) questions

- (1) (a) What are the advantages of organic farming?
(b) Briefly outline the dominant agricultural farming systems.
- (2) (a) Define the term "Disease Triangle".
(b) Briefly explain the importance of using eco-friendly pests and disease control methods in vegetable cultivation.
- (3) (a) What are the management practices of dryland farming?
(b) Briefly discuss the importance of testing the viability of seeds before planting.
- (4)(a) What are the soil fertility regenerating systems?
(b) Briefly outline the importance of using soil fertility regenerating systems in crop production.
- (5) (a) What are the sustainable agricultural practices?
(b) Briefly outline the advantages of modern agriculture.
- (6) Write short notes on any two (02) of the following
 - i. Advantages of Hydroponics culture
 - ii. Problems of modern intensive farming
 - iii. Advantages of using Bio-pesticides