

The Open University of Sri Lanka
 Faculty of Engineering Technology
 Department of Agricultural and Plantation Engineering



Study Programme	: Bachelor of Industrial Studies Honours (Agriculture)
Name of the Examination	: Final Examination
Course Code and Title	: AGI6585 Applications in Biotechnology
Academic Year	: 2021/2022
Date	: 26 th February 2023
Time	: 13.30 - 16.30 hrs

Index No. -----

SECTION 2: Answer any four (04) questions.

1. a. Explain the reasons for insect epidemics/outbreaks.
 b. Critically evaluate the preventive insect control measures
2. Write an essay on "Applying the Organic pest control in Sri Lankan farms".
3. Weeds are destructive disturbances in agricultural lands. Discuss the role of weeds under the following topics
 - a. Characteristic of weeds
 - b. Problems encountered.
 - c. Controlling
4. Explain the relationship between the host, pathogen, and the environment.
5. Explain the symptoms of fungal disease attack in plants.
6. Write an essay on pre-existing or pre infective defence mechanisms