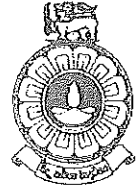


The Open University of Sri Lanka
 Faculty of Engineering Technology
 Department of Agricultural and Plantation
 Engineering



Index number

Study Programme	: Bachelor of Industrial studies Honours in Agriculture
Name of the Examination	: Final Examination
Course Code and Title	: AGI3553 Plant protection
Academic Year	: 2019/2020
Date	: 06 th October 2020
Time	: 13:30-16:30 hrs

SECTION 2: Answer any four (04) questions.

1. Write an essay on the role of beneficial insects in agriculture. (25 marks)
2. (a) Define the term Economic injury level. (05 marks)
 (b) Explain the preventive control measures of insect pests. (20 marks)
3. Explain the steps to be taken in a paddy field to control weeds from land preparation to harvesting. (25 Marks)
4. (a) Define the term 'Allelopathy'. (05 Marks)
 (b) Discuss the methods of applying 'allelopathy' to control weeds in cropping systems. (20 Marks)
5. Discuss the defence mechanisms available in the plants against pathogen invading. (25 marks)
6. Explain the fungal pathogen infection process into the plants. (25 marks)

