

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



Study Programme : Bachelor of Industrial Studies Honours (Agriculture)
 Name of the Examination : Final Examination
 Course Code and Title : AGX6486 Field and Laboratory Techniques in
 Plant Protection
 Academic Year : 2020/2021
 Date : 18th February 2022
 Time : 9.30 - 12.30 hrs
 Duration : 3 hours

Index No. -----

SECTION 2: Answer any four (04) questions.

1. Discuss the use of Ecological Engineering concept for Pest Management (25 Marks)
2. Discuss the paddy bug attack under below topics.
 - i. Scientific name of the paddy bug (5 marks)
 - ii. Damage and identification of the damage (10 marks)
 - iii. Managing the insect attack (10 marks)
3. Suggest and explain an Integrated Pest Management (IPM) plan for a paddy cultivation (25 marks)
4. Explain different methods that can be used to detect plant pathogens/diseases in plants (25 marks).
5. Explain different plant pathogenic fungi isolation techniques (25 marks).
6. Write short notes on attacking following pathogens on mango plants (12.5 mark).
 - a. Anthracnose
 - b. Die back

