

EASTERN UNIVERSITY SRILANKA

Third year, First Semester Examination in Agriculture 2004/2005

AGB 3101 PLANT PATHOLOGY AND TECHNIQUES (3:30/30).

Time 2 hour

Answer the all questions

1. Write short notes on the following:
 - a) The role of temperature and moisture on the development of infectious plant diseases.
 - b) Basic types of epidemic according to the infection cycle.

2. Briefly explain the followings:
 - a) Symptoms and control measures of potato vascular wilt disease.
 - b) Methods used to diagnose rice diseases in the field of Sri Lanka.

3. a) Explain the chemical method adopted by pathogen during pathogenesis in crop plants.
b) "Gene-for-Gene concept will provide guidelines to understand the disease formation" Discuss.

3. Briefly discuss the followings:
 - a) Etiology and control measures of Bacterial Leaf Blight disease in rice.
 - b) Effects of pathogen on the translocation of food and water in plants.