

EASTERN UNIVERSITY, SRI LANKA

THIRD YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2006/2007

(MAY – 2014)

AGB 3101 PLANT PATHOLOGY AND TECHNIQUES

END SEMESTER EXAMINATION

EXTERNAL DEGREE (REPEAT)

Answer **all** questions.

This paper should be answered in **English**.

Time: **Two** hours



1) Briefly describe the following diseases with appropriate control measures:

- a) Rice blast
- b) Bud rot in coconut

2) Discuss;

- a) The use of Koch's postulates in the identification of an unknown disease.
- b) The effects of pathogens on the plant respiration and photosynthesis.

3) Briefly describe;

- a) Cultural control measures to eradicate or reduce pathogen inoculums.
- b) The life cycle of the macro-cyclic rust fungi.

4) Write short notes on the following:

- a) True plant resistance to pathogens
- b) Induced structural barriers of plants
- c) Effects of moisture on the development of infectious plant diseases

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