

Eastern University, Sri Lanka

Third Year Second Semester Examination in Science
2004/2005 (June/July 2005) (Proper)

BT 304, Plant Pathology

Answer all Questions

Time: 02 h

1. Describe briefly the diagnosis and the study of a fungal foliage disease giving a suitable example.
2. Write short notes on the following:
 - (i) Sources of inoculum.
 - (ii) Cultural methods of plant disease control.
 - (iii) Induced structural defenses in plants against infection of pathogen.
3. (i) Mention a name of a disease that affects the translocation of water and minerals in plants.
(ii) Write down the causative organism of the above disease in (3-i).
(iii) Briefly explain the symptom and the possible control methods relevant to the above disease.
4. (i) Write down at least **three** diseases and the name of the respective pathogens that affect *Capsicum annuum* L. (Chilli) in Sri Lanka.
(ii) For any one of the above diseases you mentioned in (4-i),
 - a) write down the symptoms.
 - b) briefly describe the disease development.
 - c) discuss the control methods.