

Eastern University, Sri Lanka  
Third Year First Semester Examination in Science – 2007 / 2008  
External Degree Programme (May/June-2012)  
EXTBT-301 / Plant Pathology



Answer all questions  
Time: Two hours

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1. Write short notes on any TWO of the followings;
  - a). Koch's Postulation.
  - b). Structural defence mechanisms in plants against pathogen's infection.
  - c). Cultural control methods applied for plant diseases.
  
2. Answer both parts given below.
  - a). What do you understand by "Symptoms" in plant diseases?
  - b). Briefly describe the different types of symptoms in plants, with suitable examples.
  
3. Answer all parts given below.
  - a). Write down the name of a disease and the pathogen that affect the fruits in Sri Lanka.
  - b). Explain briefly the following on the above grown-disease;
    - (i). Symptoms.
    - (ii). Disease development.
    - (iii). Control methods.
  
4. Write down the symptoms and the control methods of the following diseases.
  - a). Vascular-wilt in Solanaceous crops.
  - b). Bacterial rot in vegetables.
  - c). Damping off in seedlings.