

Eastern University, Sri Lanka



Third Year Second Semester Examination in Science  
2003/2004 (June/July 2005) (Proper)

BT 305 Economic Botany and Industrial Microbiology

Answer all Questions

Time: 02 h

- 1) Write short notes on following:
  - i) Medicinal plants and their economic potential.
  - ii) Fumitories and masticatories.
  - iii) Vanilla.
  
- 2)
  - i) Write on Hemp plants.
  - ii) Write briefly on the production of paper using different kinds of raw materials.
  
- 3) Briefly discuss the following:
  - i) Factors influencing the growth of microorganisms in food.
  - ii) Food-borne intoxication.
  
- 4) Write short notes on any two of the following:
  - i) The mode of action of penicillin against bacteria as an antibiotic.
  - ii) Selective toxicity of antibiotics.
  - iii) Antibiotic resistance in genetically modified (GM) crops.