

Eastern University, Sri Lanka

Third Year examination in Science – 2006/2007
Third Year Second Semester Examination (Feb. / March 2008)

BT 305, Economic Botany and Industrial Microbiology



Time: 02 hours

Answer all Questions

1. The majority of world's population depend on cereals as their most important article of food.
 - (a) List commercially available cereals, used for consumption purpose.
 - (b) How the raw grains are prepared as food on a commercial scale. Describe one of the cereals that you mentioned in (a).
 - (c) What are other uses of the cereal you selected?
2. Discuss the economic importance of **Arecaceae** (Palmae).
3. Briefly explain the microbial production of following:
 - (a) Human proteins
 - (b) Bio-fuels
 - (c) Enzymes
4. Answer the following 3 parts:
 - (a) What is an antibiotic?
 - (b) List **FIVE** commercially produced antibiotics and **indicates** the organisms, which are associated with their production.
 - (c) Explain the immunization schedule of infant and children.