

Eastern University, Sri Lanka

Second Year First Semester Examination in Science 2003/2004
(November/December 2004) (Proper/Repeat)

BT 202, Microbiology (Principles)

Answer All Questions

Time: 01 hr

1) Distinguish between the following:

- a) Archaeobacteria and Eubacteria
- b) Plant viruses and Animal viruses
- c) Dry heat sterilization and Autoclaving
- d) Spread plate technique and Pour plate technique

2) Interpret the following statements:

- a) "Viruses are obligate and exploit the host systems"
- b) "Bacteria has different external appendages for its own benefits"
- c) "Bacterial Transformation does not help for genetic mapping, like transduction"
- d) "Bacterial growth curve of a batch culture often exhibits sigmoidal shape"