

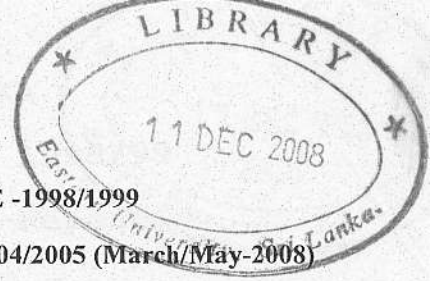
EASTERN UNIVERSITY, SRI LANKA

FACULTY OF SCIENCE

EXTERNAL DEGREE EXAMINATION IN SCIENCE -1998/1999

SECOND YEAR EXAMINATION IN SCIENCE ((RE-REPEAT) - 2004/2005 (March/May-2008)

EXTBT- 201, MICROBIOLOGY



Answer all questions

Draw diagrams wherever necessary

Time: 02 hours

1. a) What do you understand by “control of microorganisms”?
b) Briefly describe the different methods available for controlling of microorganisms in the in-vitro conditions?
2. Give a brief account on the following?
 - a) Asexual reproduction in Fungi.
 - b) Spontaneous generation.
3. Write a brief note on the;
 - a) Gram staining.
 - b) Structure of the cell walls of gram positive and gram negative bacteria.
4. Write short notes on the following;
 - a) Endospores.
 - b) Bacteriophages.
 - c) Symmetry of virus.