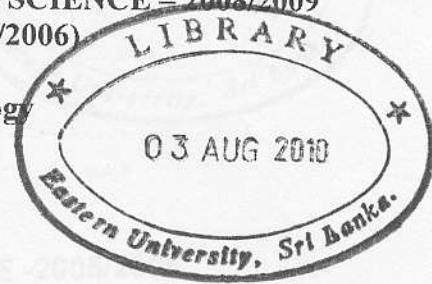


EASTERN UNIVERSITY, SRI LANKA
FACULTY OF SCIENCE

SECOND YEAR FIRST SEMESTER EXAMINATION IN SCIENCE - 2008/2009
External Degree Programme (Batch 2005/2006)

EXTBT 202 - Principles of Microbiology



Duration: 1 hr
Answer all questions

Write short notes on the followings;

- a). Nutritional and other requirements for bacterial media preparation.
- b). Conjugation method of bacterial genetic transferring process.
- c). Structure and composition of bacterial endospore.

- a). What do you understand by "Bacteriophage" and "Prophage".
- b). Briefly explain the lysogenic cycle of a bacteriophage.
- c). Write down the differences between lytic cycle lysogenic cycle.