

**EASTERN UNIVERSITY, SRI LANKA**

**EXTERNAL DEGREE PROGRAMME**

**SECOND YEAR FIRST SEMESTER EXAMINATION IN SCIENCE  
2004/2005 (NOVEMBER/DECEMBER, 2006)**

**EXTBT 202, MICROBIOLOGY (PRINCIPLES)**

**Answer All Questions**

**Time: 01 hrs**

1.
  - a) Describe the structure of an endospore and explain its function/s.
  - b) Describe the endospore forming cycle.
  - c) Explain why an endospore is not considered as a reproductive unit.
  
2.
  - a) Describe the conjugation method of bacterial genetic transfer.
  - b) Explain the significance of this process?

