Eastern University, Sri Lanka

Second Year Examination in Science 1st Semester (Proper) – 2005 / 2006 (Aug.2007)

BT 202 – Principles of Microbiology

Answer any two questions O & MAR 2000 Time: 01 hrs Clauinversitty,

- 1. (a). What is Lysogeny?
 - (b). What are the prominent features of Lysogenic cycle?
- 2. (a). Describe the conjugation method of bacterial genetic transfer
 - (b). Explain the importance of this process?
- 3. Write short notes on any two of the following.
 - (a). Gram staining of bacteria
 - (b). Endospores.

4.

- (c). DNA studies in the classification of bacteria.
- (a). What do you understand by "control of microorganisms"?
 - (b). Describe briefly different methods available for controlling the microorganisms