

26 SEP 2001

EASTERN UNIVERSITY, SRI LANKA  
SECOND EXAMINATION IN SCIENCE 2000/2001  
First Semester (April-2002)

BT-202 Microbiology (Principles)  
(Repeat)

Answer All questions

Time: 1 Hour

1.
  - i) Explain the significance of lysogeny.
  - ii) What is a prophage and how does it become a lytic phage?
  
2.
  - i) List the features that are used in bacterial classification.
  - ii) How DNA information of bacteria are used in the classification of bacteria?
  - iii) Explain very briefly how similarities in DNA can be determined.