

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR, SECOND SEMESTER EXAMINATION IN AGRICULTURE -2017/2018

(MARCH/APRIL- 2020)

AB 1201: AGRICULTURAL MICROBIOLOGY

END SEMESTER EXAMINATION

Answer all questions

Time: One hour

1. a. Briefly discuss the mutual symbiosis between microbes. (30 marks)
- b. How do microbes act as biological control agents for plant's pest and disease control?
(50 marks)
- c. How does the DNA of the F-plasmid get transferred from the donor to the recipient cell
in a bacterium? (20 marks)

2. a. Briefly explain the Single Cell Protein and discuss its advantages and disadvantages in
food industry. (40 marks)
- b. Classify the chemicals used in microbial control. (10 marks)
- c. Give a brief account on different types of microscopic techniques. (50 marks)
