

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR, SECOND SEMESTER EXAMINATION IN AGRICULTURE -2016/2017

(APRIL/MAY- 2019)

AB 1202: AGRICULTURAL MICROBIOLOGY

END SEMESTER EXAMINATION (REPEAT)

Answer **all** questions

Time: **One hour**

1. a. How do microorganisms act as biological control agents for insect pests? (35 marks)
- b. Briefly discuss the mutual symbiosis between microorganisms. (30 marks)
- c. Briefly describe the lytic cycle of a virulent phage. (35 marks)

2. a. Briefly explain the chemical control methods of microbes. (30 marks)
- b. Elaborate the gene transfer mechanisms in bacteria. (50 marks)
- c. Write down the role of microbes in bread making. (20 marks)