

EASTERN UNIVERSITY, SRI LANKA

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

(APRIL/MAY- 2019)

AB 1201: AGRICULTURAL MICROBIOLOGY

END SEMESTER EXAMINATION

Answer all questions

Time: One hour

1. a. Justify the statement "Microorganisms serve as symbiotic partners". (50 marks)
- b. How do microbes play major roles in most of the biological experiments? (20 marks)
- c. Give a brief account on the physical control methods of microorganisms. (30 marks)

2. a. Differentiate Eukaryotes from Prokaryotes. (30 marks)
- b. Briefly describe the lytic cycle of a virulent phage. (50 marks)
- c. How do beneficial soil microbes promote plant production and health? (20 marks)