

**Eastern University, Sri Lanka**

**Second Year First Semester Examination in Science - 2016/2017 (Oct/Nov-2018)**

**BT-202- Microbiology (Principles)**

**Time – 1 hour**

**Answer all the questions.**

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(1). Bacteria show “Exponential growth”.

- (i) What do you mean by bacterial growth? (05 marks)
- (ii) Explain how the binary fission involves with bacterial exponential growth. (15 marks)
- (iii) Describe the requirements for the bacterial growth. (30 marks)

(2)

- (i) Explain what do you understand by Isolation of microbes? (10 marks)
- (ii) List out the basic isolation methods of microbes (05 marks)
- (iii) Explain in details the microbial culture media (35 marks)