

Eastern University, Sri Lanka

Final Year First Semester Examination in Agriculture 2016/2017

(Nov/Dec 2018)

CS 4101 Agricultural Biotechnology

Time allowed: 1 hr

Answer all questions

1. Describe the different stages of micropropagation of citrus plants under aseptic conditions with suitable diagrams. (50 marks)

2. a. Give the uses of microbial inoculants in Agriculture. (15 marks)

- b. Briefly explain,
 - i. Restriction enzymes used in gene cloning. (15 marks)

 - ii. Vector mediated gene transfer. (20 marks)