

Eastern University, Sri Lanka

Final Year First Semester Examination in Agriculture 2011/2012

(Jan 2014)

CSC 4111 Plant Tissue Culture: Principles and Techniques

Time allowed: 1 hr

Answer all questions

1. a. What are the potential uses of synthetic seeds in Agriculture? (20 marks)
- b. Describe the different methods of virus elimination in plants. (30 marks)

2. Write short notes on the following with suitable illustrations. (15 marks)
 - a. Somatic embryogenesis (15 marks)
 - b. Zygotic embryo culture (20 marks)
 - c. Protoplast fusion