

Eastern University, Sri Lanka  
Final Year First Semester Examination in Agriculture 2016/2017

(Nov/Dec 2018)

CS 4111: Plant Tissue Culture Technology

Time allowed: 1 hr  
Answer all questions

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1. Describe the potential of five different *in vitro* culture techniques for plant improvement. (50 marks)
  
2. Briefly discuss,
  - a. Somatic embryogenesis (20 marks)
  - b. Protoplast isolation and fusion (30 marks)