



**Eastern University, Sri Lanka**

**Final Year First Semester Examination in Agriculture 2008/2009**

**CSC 4111: Plant Tissue Culture: Principles & Techniques**

**Time allowed: One hour**

**Answer all questions**

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1. a. List out the Plant Tissue Culture technique contributing to crop improvement in Sri Lanka.  
b. Explain the steps involved in protoplast isolation from leaves and its fusion with suitable diagrams.
  
2. Write short notes on the following,
  - a. Organogenesis
  - b. Callus culture
  - c. Artificial seeds