



**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