



Eastern University, Sri Lanka

Final Year First Semester Examination in Agriculture 2008/2009

(October/November 2010)

CSC 4111: Plant Tissue Culture: Principles and Techniques

Time allowed: 1 hrs

Answer all questions

1.
 - a) List the biotechnological application of Plant Tissue Culture in Agriculture.
 - b) Describe the problems associated with micropropagation of fruit crops and suggest the possible solutions to them.

2. Write short notes on the following:
 - a) Plant cell culture
 - b) Somatic hybridization
 - c) Production of haploid plants