

Eastern University, Sri Lanka  
Final Year First Semester Examination in Agriculture 2013/2014  
(September 2015)

CS 4101 Agricultural Biotechnology

Time allowed: 1 hr  
Answer all questions

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1. Briefly describe,
  - a. Process of protein synthesis in Prokaryotes with suitable diagrams.
  - b. Germplasm conservation under *in vitro* conditions.
  
2. a. Explain how the foreign gene is inserted into a plasmid.
  - b. Briefly discuss the advantages and limitations of micropropagation.