



**Eastern University, Sri Lanka**

**Final Year First Semester Examination in Agriculture 2005/2006**

**(Jan 2014)**

**CC 4102: Biotechnology**

**External Degree**

**Time allowed: 2 hrs**

**Answer all questions**

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1. a. Briefly explain the different types of fermentation processes and list out the steps involved in the commercial production of acetic acid.  
b. Are Genetically Modified (GM) foods harmful or helpful? Briefly explain.
2. a. Classify biofertilizers.  
b. Indicate the importance of biofertilizers in Agriculture.
3. Briefly describe the following,
  - a. DNA replication
  - b. Recombinant plasmid
4. Briefly discuss the following,
  - a. Shoot multiplication
  - b. Biopesticides