

**Eastern University, Sri Lanka**  
**First Year / First Semester Examination in Agriculture 2005/2006**  
**CSC 1101: Principle of Agronomy**

**Answer all questions**

**Time: 2 hours**

1. a) Give the Characteristics features of the two monsoonal seasons in Sri Lanka. (40 marks)  
b) Describe the influence of solar radiation on crop growth and development. (60 marks)
2. a) List the major problems in paddy cultivation in Sri Lanka. (40 marks)  
b) Discuss the decomposition process in compost making (60 marks)
3. a) List the advantages and disadvantages of minimum tillage (40 marks)  
b) Discuss cultural practices of weed control in crop production. (60 marks)
4. Write short notes on followings;
  - a) Hardening of seedlings in nurseries.
  - b) Critical periods of weed competition.
  - c) Biological weed control in crop management.