

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR/ FIRST SEMESTER EXAMINATION IN AGRICULTURE 2004/2005

CSC 1101 PRINCIPLES OF AGRONOMY (3: 30/30)

Answer all questions

Time : 02 hours

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1. a. Compare tropical climate with temperate climate.
b. Briefly describe the characteristic features of major agro ecological zones of Sri Lanka.

 2. Briefly explain the following.
 - a. Usefulness of crop growth analysis
 - b. Leaf Area Index (LAI)
 - c. Net Assimilation Rate (NAR)

 3. Write short notes on the following;
 - a. Effect of solar radiation on crops.
 - b. Hardening of seedlings
 - c. Stages of composting

 4. Briefly describe the following;
 - a. Fate of soil applied herbicides.
 - b. Factors influencing crop-weed competition
 - c. Pre-emergence and post-emergence herbicides