

7

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR/SECOND SEMESTER EXAMINATION IN AGRICULTURE 2005/2006

CSC 1201 AGRONOMY OF RICE AND VEGETABLE CROPS

ANSWER ALL QUESTIONS

Time: Three hours

1. Briefly discuss the important agronomic practices that could be required to achieve the potential yield of rice crop.

2. a). What are the most sensitive / critical period of water need in rice crop
b). Give the advantages and disadvantages of transplanting in rice cultivation.

3. Briefly describe
 - a). Vegetative phases of rice plant
 - b). Effect of temperature on rice yield

4. Write short notes
 - a). Nitrogen losses in rice cultivation.
 - b). Kitchen garden design.
 - c). Solar energy requirements of rice at different growth stages.

5. Discuss the problems and constraints associated with the cultivation of vegetable crops in Sri Lanka.

6. a). List out the nutritional importance of vegetables cultivated in Eastern Region.
b). Discuss briefly the problems encountered by farmers in the cultivation of Solanaceous vegetables in Sri Lanka.