

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE – 2008/2009

CSC 1201 AGRONOMY OF RICE AND VEGETABLE CROPS

Answer ALL Questions

Time allowed: 03 Hours

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1. Justify the following:

- a) Rice is an important crop in Sri Lanka in terms of extent and value.
- b) Rice varieties maintain better growth and produce higher grain yields when grown in a flooded soil than non-flooded soil.

2. Discuss the following:

- a) Complementary practices to increase nitrogen fertilizer efficiency in rice-
- b) Substitutive and preventive methods of weed control in rice cultivation.

3. Discuss the different nursery systems practicing in rice cultivation in Sri Lanka.

4. If you are an Agricultural Extension Officer, how you will advice the farmer about the agronomic practices in Brinjal (*Solanum melongena*).

5. Discuss the different vegetable production systems practicing in Sri Lanka.

6. Write short notes on the following:

- a) Dry land tillage in rice cultivation.
- b) Effects of flooding in rice cultivation.
- c) Integrated Plant Nutrient Management Systems (IPNS) in vegetable cultivation.