

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE – 2008/2009, Sri Lanka

CSC 1201: AGRONOMY OF RICE AND VEGETABLE CROPS

Answer ALL Questions

Time allowed: 03 Hours

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01. You have assigned to advice farmers to reduce yield losses caused by weeds in rice cultivation. Explain how you advice the farmers.
02. a) Nutrient availability in puddled soil is comparatively higher than non puddled soil. Justify this statement.  
b) Briefly discuss the ways to improve efficiency of nitrogen fertilizer in rice cultivation.
03. Briefly describe,
  - a) Effects of water temperature in rice cultivation.
  - b) Effects of moisture stress at different growth stages in rice cultivation.
04. Olericulture is highly environmental sensitive. Discuss this statement with suitable examples.
05. A farmer in Batticaloa district decides to grow hybrid tomato variety. How do you advice the farmer to produce good quality tomato seedlings?
06. Write **SHORT NOTES** on the following;
  - i) Vernalization in vegetable crops
  - ii) Dapog nursery in rice cultivation
  - iii) Importance of Micro nutrient in vegetable production