

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR/SECOND SEMESTER EXAMINATION IN AGRICULTURE

20002/03

CSC 1201 AGRONOMY OF RICE AND VEGETABLES

ANSWER ALL QUESTIONS

Time : 3 Hours

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1. Briefly discuss the important agronomic practices that are required to achieve the potential yield of a rice crop.
- 2 a. What are the advantages and dis-advantages of transplanting a rice crop?  
b. Name suitable recommended weedicides for a transplanted rice crop and give their generic / trade names, rate and time of application.
3. Briefly discuss :
  - a. Cultivating Tomatoes (*Lycopersicon esculentum* L.) during yala seasons in the Dry zone.
  - b. Cultivating exotic vegetables in the Dry zone.
4. Describe how you will maximize the profit of a farmer cultivating Cabbage (*Brassica oleracea*) in a 0.2 ha plot of land.
5. What are the problems and constraints associated with the cultivation of Curcubits?  
How will you overcome them?
6. Write short notes :
  - a. Plant establishment methods in leeks (*Allium porrum*)
  - b. Important cultivars of French bean (*Phaseolus vulgaris*) and recommended varieties.
  - c. Importance of compost in rice cultivation.

