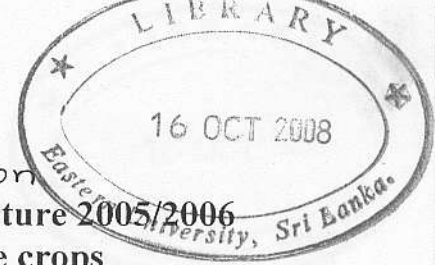


Eastern University, Sri Lanka

Special Examination

First Year/ Second semester Examination in Agriculture 2005/2006

CSC 1201: Agronomy of Rice and Vegetable crops



Answer all questions

Time: 03 hours

1. Briefly discuss the following;
 - a). Solar energy and rice grain yield
 - b). Yield component analysis in rice
2. Briefly discuss potential and problems of vegetable cultivation in Sri Lanka .
3.
 - a). Briefly describe the different weed management practices in rice .
 - b). Compare the advantages and disadvantages of transplanting in rice
4.
 - a). Cultivating Tomatoes (*Lycopersicon esculentum* L.) during yala season in the dry zone.
 - b). Cultivating exotic vegetables in the dry zone .
5.
 - a). Identify the ecological conditions necessary for optimum growth and development of a rice crop
 - b). Write a brief note on the effect of low temperature on rice
6. Write short notes
 - a). Kitchen garden design
 - b). Importance of compost in rice cultivation
 - c). Ideal stage of harvesting rice
 - d). Environmental factors involving in curd development in Cauliflower