

Eastern University, Sri Lanka

Second Year First Semester Examination in Agriculture 2007/08

CSC 2101: Agronomy of Field Crops

Answer all questions

Time allowed: 3 hours

1. How would you advise a farmer to cultivate Maize (*Zea mays*) in the dry zone.
2. Briefly explain the following.
 - a) Curing in Tobacco (*Nicotiana tabacum*).
 - b) Earthing up in Potato (*Solanum tuberosum*).
3. Briefly describe the important agronomic practices of chilli (*Capsicum annum*).
4. a) What are the major problems associated with the cultivation of field crops in the Eastern region of Sri Lanka.
b) How do you overcome the problems?
5. Write short notes on the following.
 - a) Wrapping and propping in Sugar cane (*Sachcharum officinarum*).
 - b) Importance of calcium in Groundnut (*Arachis hypogaea*) production.
 - c) Inoculation practice adopted in Soy bean (*Glycine max*) cultivation.
6. Briefly describe the following.
 - a) Propagation methods in Cassava (*Manihot esculenta*).
 - b) Nursery management practices adopted in big onion (*Allium cepa*).