



Eastern University, Sri Lanka

Second Year First Semester Examination in Agriculture - 2005/2006

External Degree

CSC 2101: Agronomy of Field Crops

Allowed time: Three hours

Answer all Questions

1. Briefly explain the following
 - a) Importance of grain legumes
 - b) Weed control in maize (*Zea mays*) cultivation
 - c) Earthing up in crop cultivation

2. Briefly discuss the following
 - a) True seed production in big onion (*Allium cepa*)
 - b) Propagation methods in cassava (*Manihot esculenta*).

3. Write short notes on the following
 - a) Mulching in Sugarcane (*Sachcharum Officinarum*)
 - b) Importance of calcium in groundnut (*Arachis hypogaea*) production.
 - c) Mosaic virus disease in Mungbean (*Vigna radiata*)

4. a) How would you minimize post harvest losses in sunflower (*Helianthus annus*) cultivation?
b) Briefly describe the agronomic practices in chilli (*Capsium annum*) cultivation

P.T.O.

5. a) What are the major problems associated with cultivation of field crops in Sri Lanka?
- b) How would you advise a farmer to increase the productivity of field crops in the dry zone?
6. Briefly describe the following
- a) Boll shedding in cotton (*Gossipium hirsutum*)
- b) Curing in Tobacco (*Nicotiana tabacum*)
