

EASTERN UNIVERSITY, SRI LANKA.

SECOND YEAR/ FIRST SEMESTER EXAMINATION IN

AGRICULTURE - 2001/2002.

CSC - 2101 Agronomy of field crops

FINAL EXAMINATION

Time: 3 hours

- (1) a. Describe how you would advise a farmer in the Dry zone to cultivate a hectare of Groundnut?
b. Briefly explain the importance of calcium in groundnut cultivation.
- (2) a. How would you classify Cassava (*Manihot utilissima* (Pohl.)) cultivars based on their morphology?
b. Briefly discuss the method of planting Cassava.
c. Write brief notes on the industrial uses of Cassava
d. HCN poisoning by Cassava.
- (3) Write short notes on the following
a. Boll- shedding and boll drying in cotton (*Gossypium. sp*)
b. Curing Ginger
c. Sorghum poisoning
- (4) a. List aroid crops cultivated in SriLanka.
b. Give the planting material and methods of planting adopted to two crops indicated in (a).
c. Briefly discuss the usefulness of aroids and problems and constraints in their cultivation.

- (5) a. Write notes on the characteristics of three chillie (*Capsium anum* L.) varieties widely grown in SriLanka.
- b. Describe the agronomic practices adopted in the cultivation of dry chillie, commencing from transplanting.
- (6) (a) Describe the special agronomic practices recommended in the cultivation of Sugarcane (*Saccharum officinarum*).
- (b) Write short notes on different systems of plant establishment in Sugar cane.