

Eastern University, Sri Lanka

Third Year First Semester Examination in Agriculture 2014/2015 (January 2017)

CS 3101 Agronomy of Field Crops



Answer ALL Questions

Time allowed: 02 hours

---

Briefly explain

- a. Effect of water and moisture stress at different growth stages of rice.
- b. Factors affecting the filled spikelet percentage in rice.

Describe the recommended agronomic practices for Maize (*Zea mays* L.) cultivation.

Write short notes on following

- a. Effect of temperature on rice production.
- b. Effect of gypsum application in groundnut (*Arachis hypogaea* L.).
- c. Nursery management in onion (*Allium cepa* L.).

Write an account on,

- a. Effect of management practices on sugarcane (*Saccharum officinarum* L.) yield.
- b. Different methods of curing in tobacco (*Nicotiana tabacum* L.).