



EASTERN UNIVERSITY, SRI LANKA

SECOND YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE -2011/2012

(JULY 2014)

CSC 2202: CROP PHYSIOLOGY (REPEAT)

Answer ALL Questions

Time Allowed: 02 Hours

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01. Discuss the factors affecting the percentage filled spikelet in rice (*Oryza sativa* L.)
  
02. Briefly explain the following,
  - a. Factors affecting tuber formation in sweet potato (*Ipomea batatas*)
  - b. Dry matter partitioning and source sink relationship in Cassava (*Manihot esculenta*)
  
03. Discuss the effects of environmental factors on boll shedding in Cotton (*Gossypium hirsutum*).
  
04. Write short notes on;
  - a. Effects of calcium on Groundnut (*Arachis hypogea*)
  - b. Effects of nutrition and plant population on leaf quality in Tobacco (*Nicotiana tabacum*).