

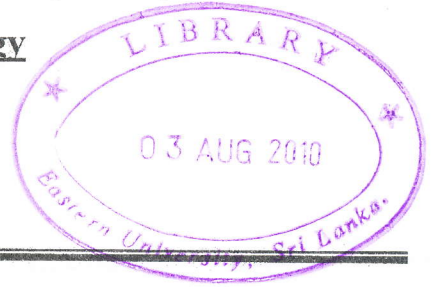
Eastern University, Sri Lanka

External Degree Programme in Agriculture

Second Year Second Semester Examination in Agriculture – 2005/2006

(April/May - 2010)

CSC 2202: Crop Physiology



Time allowed: Two hours

Answer all questions.

Briefly discuss,

- 1. Dry matter partitioning and source sink relationship in cassava (*Manihot esculenta* L.).
- 2. Factors affecting tuber formation in sweet potato (*Ipomea batatas* L.).

Briefly explain,

- 1. Factors limiting present yield plateau in rice (*Oryza sativa* L.).
- 2. Effect of nutrition and plant population on leaf quality of tobacco (*Nicotiana tabacum* L.).

Write brief accounts on the following:

- 1. Source sink relationship in sweet potato (*Ipomea batatas* L.).
- 2. Factors limiting photosynthetic rate in potato (*Solanum tuberosum* L.).

Write short notes on the following:

- 1. Curing of tobacco (*Nicotiana tabacum* L.).
- 2. Factors influencing the yield of mungbean (*Vigna radiata* L.).
- 3. Pod development in groundnut (*Arachis hypogea* L.).

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