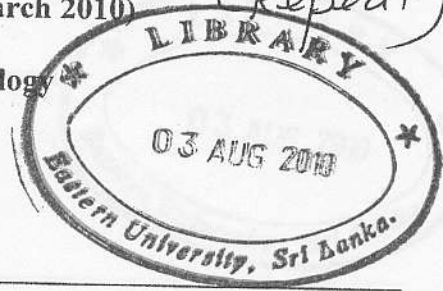


EASTERN UNIVERSITY, SRI LANKA
FACULTY OF SCIENCE
SECOND YEAR EXAMINATION IN SCIENCE – 2008/2009
External Degree Programme (Repeat) (March 2010)

EXTBT 201 – Developmental Physiology



Duration: 2 hrs
Answer all questions

Write short notes on the following

- Short-day plants
- Hydroponics
- Importance of plant dormancy

- What are plant hormones?
- Write briefly on three major plant hormones.
- Briefly explain on the regulation of flowering by the plant hormone.

- Briefly explain on plant movements?
- Write on five different plant movements
- Briefly write the importance of plant movements that you mentioned above in (b).

Write short notes on the following

- Symptoms of plant senescence
- Natural nitrogen fixation
- Avoidance and tolerance of plants to face environmental stress