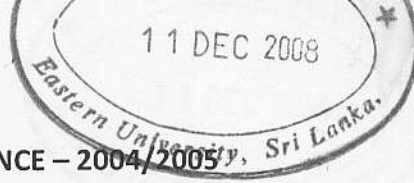


EASTERN UNIVERSITY, SRI LANKA  
FACULTY OF SCIENCE  
EXTERNAL DEGREE  
SECOND YEAR FIRST SEMESTER EXAMINATION IN SCIENCE – 2004/2005  
JULY / AUGUST 2008



EXTBT 201 / Developmental Physiology

Time: 02 hrs

Answer all questions

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1. Briefly explain ;
  - (a). Effect of light in flowering plants.
  - (b). Activity of nitrate and nitrite reductases in nitrogen fixation
2. (a). Write briefly on three effects of Auxins in plants.  
(b) Write the importance of Abscisic Acid (ABA) in stomatal movement.  
(c) "Abscission is a combination effect of hormones in plants", explain.
3. Write short notes on the following'
  - (a). Hydroponics
  - (b). Seed germination and Gibberalic Acid (GA)
4. (a). List five plant movements with suitable examples  
(b) Write briefly their importance in functioning plants