

EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE – 2007 / 2008
SECOND SEMESTER – (SEPTEMBER – NOVEMBER 2010)

BT 203 / Plant Biochemistry



Answer all questions
Duration: 02 hour

1. a). Differentiate catabolism and anabolism.
b). Explain the importance of electron transport system in plants.
2. a). Briefly discuss the glycolytic pathway in cells.
b). What are the irreversible steps in glycolysis? How they control the pathway?
c). Briefly describe the Krebs's cycle in plants.
3. a). Describe the β -oxidation of palmitic acid in plants.
b). What is "glyoxalate cycle"?
4. a). Write a brief account on nitrogen cycle.
b). Explain the importance of amino acid metabolism in plants.