

**EASTERN UNIVERSITY, SRI LANKA**  
**FIRST YEAR, SECOND SEMESTER EXAMINATION IN AGRICULTURE-2010/2011**

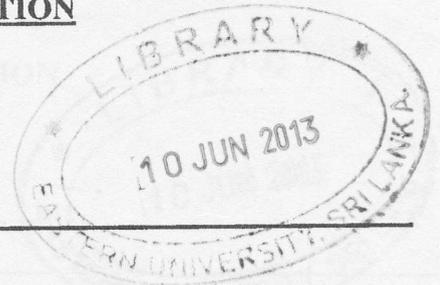
**AC 1201- BIOCHEMISTRY**  
**END SEMESTER EXAMINATION**

Time : 2 hours.

Answer all Questions

**This paper should be answered in English**

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1. i) Discuss the classification of Carbohydrates.  
ii) Explain the structures of Protein.
  
2. i.) Write a brief account on Glycolysis.  
ii) Explain the importance of Electron Transport System in metabolic process.
  
3. i) Discuss the importance of "Urea Cycle" in human.  
ii) Differentiate Glucogenic and Ketogenic amino acids.
  
4. Write short notes on the following:
  - (i)  $\beta$ - Oxidation.
  - (ii) Ketosis.
  - (iii) Compound Lipids.