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06 NOV 2015

EASTERN UNIVERSITY, SRI LANKA  
FIRST EXAMINATION IN SCIENCE 2012/2013 (FEB 2015)  
FIRST SEMESTER



ZL 101 – CELL BIOLOGY

Time: 02 hrs

Answer all questions.

(Illustrate your answer with clear labeled diagrams where necessary).

1. “A living cell carries out all functions efficiently” Discuss this statement with the structure and function of major cell organelles.
  
2. Briefly Comment on the following:
  - a) Role of Transmembrane Protein in Cell-Cell interaction;
  - b) Configuration of Glucose molecule.
  
3. Comment on any two of the following:
  - a) Acidic value of lipid ;
  - b) Fate of Cytoplasmic NADH in glucose metabolism;
  - c) Denaturation of Protein.
  
4. Write notes on any two of the following:
  - a) Enzyme specificity;
  - b) Translation phase in Protein Synthesis;
  - c) DNA replication.

XXXXX