

EASTERN UNIVERSITY, SRI LANKA
FIRST EXAMINATION IN SCIENCE 2005/2006 (SEPT 2007)
(Repeat)

ZL 101-CELL BIOLOGY & BIOCHEMISTRY

Time : **Two** hours

Answer **all** questions.

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

1. Write an essay on an animal cell membrane and its properties and functions.

2. Write brief notes on any **two** of the following:
 - a. Golgi Complex
 - b. Lysosomes
 - c. Endoplasmic reticulum

3. Describe the processes of protein synthesis in an eukaryotic cell.

4. Comment on any **two** of the following:
 - a. Deamination of amino acids
 - b. β -oxidation of fatty acids
 - c. Glycogenolysis

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