

EASTERN UNIVERSITY, SRI LANKA
FIRST EXAMINATION IN SCIENCE 2014/ 2015 (Sept 2016)
FIRST SEMESTER
ZL 101 – CELL BIOLOGY



02 Hours
Answer all questions.
(Write your answer with clear labeled diagrams where necessary).

1. a) What is osmosis?
b) Write briefly the osmosis as the transport across the membrane.

2. a) What is metabolism?
b) Briefly describe the metabolism of fat.

3. a) Distinguish between primary and secondary structures of proteins.
b) Discuss the effect of pH on enzyme activity.

4. Write Short notes on **any two** of the followings:
 - a) DNA replication
 - b) Cytoskeletons
 - c) Hormones