



EASTERN UNIVERSITY SRI LANKA
THIRD EXAMINATION IN SCIENCE 2012/2013 (OCT 2015)
ZL 301 – HUMAN BIOLOGY

Answer **all** questions

Time: **Two** hours

(Illustrate your answer with clear labeled diagram wherever necessary)

- 01) a) Define the term Respiration.
b) Briefly explain how respiratory gases are transported in man.
- 02) a) What is synapse?
b) Describe how nerve impulse is transmitted across the synapse?.
- 03) Write short notes on any **TWO** of the followings:
- a. Physiology of photoreception.
 - b. Human liver
 - c. Immunity
- 04) a) What is homeostasis?
b) Illustrate your answer by reference to glucose regulation in mammals.