

EASTERN UNIVERSITY, SRI LANKA
FIRST YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE -2015/2016
AS - 1201 ANATOMY AND PHYSIOLOGY OF FARM AND AQUATIC ANIMALS
END SEMESTER EXAMINATION
FEBRUARY 2018

Answer all questions

Time allowed: 1 hour

1. Briefly discuss the following:
 - i. Hormonal changes during the estrous cycle in cow (60 marks)
 - ii. Behavioral and physiological changes during the estrous cycle in cow (20 marks)
 - iii. Milk letdown process in cow (20 marks)

2. Briefly describe the following:
 - i. Second line of defense mechanism in non specific immune system (20 marks)
 - ii. Cell mediated immunity in specific immune system (20 Marks)
 - iii. Nerve signal transmission occurs within the nerve fiber (60 marks)