

EASTERN UNIVERSITY, SRI LANKA  
FIRST YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE -2010/2011  
AS – 1201 ANATOMY AND PHYSIOLOGY OF FARM AND AQUATIC ANIMALS  
END SEMESTER EXAMINATION – DEC/JAN-2012/2013

Answer all questions

Time allowed: 1 hour



1. a. Briefly explain the anatomy and physiology of the poultry reproductive system. (40 marks)

b. Briefly discuss the following: (60 marks)

i. Postpartum period in cattle

ii. Synapse

iii. Specific immunity

2. Write short notes on the following:

a. Membrane potential and action potential (40 marks)

b. Nephron (30 marks)

c. Differentiation of foetus in pregnant cow (30 marks)