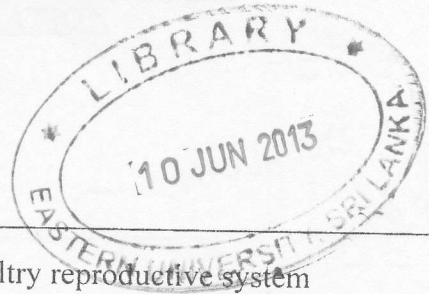


EASTERN UNIVERSITY, SRI LANKA
FIRST YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE -2010/2011
AS - 1201 ANATOMY AND PHYSIOLOGY OF FARM AND AQUATIC ANIMALS
END SEMESTER EXAMINATION - DEC/JAN-2012/2013

Answer all questions

Time allowed: 1 hour



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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)