

11 OCT 2011

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

Answer all questions

Time allowed: 1 hour

- 1.a) Describe the anatomy and respiratory function of gills of a teleost (40 marks)
- b) Write short notes on the following: (60 marks)
- i. Milk let-down process in a cow
 - ii. Central nervous system
 - iii. Nephron
2. Briefly discuss the of following:
- a. Hormonal changes in oestrus cycle in neat cattle (50 marks)
 - b. Anatomy and physiology of the chicken digestive system (50 marks)