

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR, SECOND SEMESTER EXAMINATION IN AGRICULTURE- 2004/2005
ASC - 1201 FUNCTIONAL ANATOMY AND PHYSIOLOGY OF FARM AND AQUATIC ANIMALS

2:15/30)

END SEMESTER EXAMINATION

Answer all questions

Time: One hour

1.
 - i) Draw a diagram illustrating the external and internal anatomical features of fish.
 - ii) Briefly discuss the following systems of fish
 - a) Cardiovascular system
 - b) Reproductive system
 - c) Digestive system

2.
 - i) Illustrate the protein and non protein utilization by Ruminants.
 - ii) Explain embryonic development process from mating to implantation in cow.