

EASTERN UNIVERSITY, SRI LANKA
FIRST YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE -2012/2013
AS – 1201 ANATOMY AND PHYSIOLOGY OF FARM AND AQUATIC ANIMALS
END SEMESTER EXAMINATION
JUNE/ JULY 2015

Answer all questions

Time allowed: 1 hour

1. a. Describe the anatomy and physiology of swim bladder in teleost

(40 marks)
- b. Explain the physiological and neuro-hormonal mechanisms during parturition in cow

(60 marks)

2. Write short notes on the following:
 - a. Protein and non-protein digestive processes in ruminant

(40 marks)
 - b. Humoral Immunity (antibody-mediated)

(30 marks)
 - c. Synapse

(30 marks)