



EASTERN UNIVERSITY SRI LANKA
FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRECUTURE-2007/2008
ASC - 4103 REPRODUCTIVE PHYSIOLOGY
END SEMESTER EXAMINATION – DEC/JAN- 2012/2013

Answer all questions
Time allowed: 1 hour

1. Discuss the following:
 - a). Ovulation process in ruminant (50 marks)
 - b). Artificial insemination in cattle (50 marks)

2. a. Briefly explain the Sexual development and differentiation in buffalo (40 marks)

- b. Briefly discuss the followings: (60 marks)
 - i. Maternal recognition of pregnancy in primates and cattle
 - ii. Resumption of normal oestrous cycle after postpartum period
 - iii. Neuro-hormonal mechanism of parturition in cattle