

11 OCT 2014

EASTERN UNIVERSITY SRI LANKA
FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE-2008/2009
ASC- 4103 REPRODUCTIVE PHYSIOLOGY
END SEMESTER EXAMINATION -
JAN/FEB- 2014

Answer all questions

Time allowed: 1 hour

1. Discuss the following:

- a). Synchronization practices adopted in livestock (30 marks)
- b). How do you analyze the semen quality of bull for artificial insemination (30 marks)
- c). A farmer complained that the reproductive performance of cattle in his farm was very poor. How would you advise the farmer to improve the reproductive performance of cattle in the farm (40 marks)

2. a. Explain in detail the normal development of genital organs in cattle (40 marks)

b. Briefly discuss the following: (60 marks)

- i. Mechanism of ovulation
- ii. Differentiation of foetus
- iii. Capacitation of sperm cell