

EASTERN UNIVERSITY SRI LANKA
FINAL YEAR, FIRST SEMESTER EXAMINATION AGRICULTURE-
2003/2004
ASC - 4104 LACTATION PHYSIOLOGY AND DIGESTION IN PRE-
RUMINANTS
END SEMESTER EXAMINATION (PROPER)



Answers all questions

Time : One hour

1. Describe the following

- i. Morphological, physiological and hormonal changes that take place during the development of mammary gland in neat cattle from fetal stage to pregnant stage (60 marks)
- ii. Development of functional complex stomach in a calf (40 marks)

2. Write short notes on the following

- i. Neural control of lactation (40 marks)
- ii. Role of nutrients in relation to alveolar epithelial cell function (30 marks)
- iii. Feeding of colostrum for Pre- Ruminants (30 marks)