



Uva Wellassa University of Sri Lanka
Faculty of Animal Science & Export Agriculture



BASc Degree Programme
Year II Semester II
End Semester Examination – September/October 2013

ANS 232-2 Reproduction and Lactation in Farm Animals
Essay (Section II)

Instructions:

Answer all questions in Section II in booklets provided.

No. of questions : Two (02)
No. of pages : One (01)
Time : One hour (01 hr)
Total marks allocated : 60%

1.

I. A small holder dairy farmer in mid country found that his Jersey cow in second parity is facing the problem of repeated breeding after several artificial inseminations. If the cow is healthy, **discuss the important factors** that may have contributed to the **failure of previous artificial inseminations** in this cow. (70 marks)

II. Since several artificial inseminations were not successful, farmer decided to conduct natural breeding. Explain the **reproductive behaviors** of cow that helps to **identify the oestrous**. (30 marks)

2. Write short notes on followings.

- I. Milk ejection reflex (30 marks)
II. First stage of labour (40 marks)
III. Spermiogenesis (30 marks)

[End of Section II]