



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

**B.ASc. Degree Programme
Year II Semester I
End Semester Examination - January 2008**

**ANS 214-2 Basic Farm Animal Anatomy and Physiology - Essay Questions
(Section II)**

Instructions

Answer all questions in Section II in booklets provided.

No. of questions : One (02)

No. of pages : One (01)

Time : one hour (01 hr)

Total marks allocated : 60%

Index No:

01. (i) Briefly explain how the **Female poultry reproductive system deviates from the basic mammalian structure** (50 marks)
- (ii) Briefly explain the **spermatogenesis process in male animals**, starting from respective cell division until free motile sperms production (50 marks)
02. (i) Write an essay on **"Physiology of rumination"** (50 marks)
- (ii) Discuss on one of the following topics
- a) Nutrient absorption and utilization in ruminants
 - b) Action of pancreatic juice on partially digested feed during the intestinal passage (50 marks)

[End of Section II]