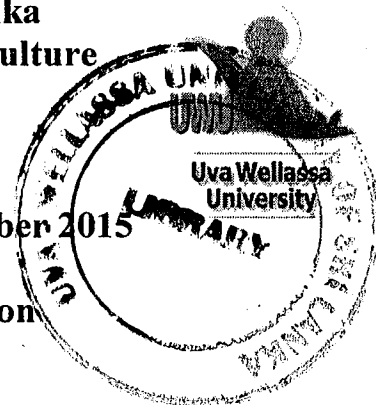


**Uva Wellassa University of Sri Lanka  
Faculty of Animal Science & Export Agriculture**

**Animal Science Degree Programme  
Year III Semester I  
End Semester Examination –September/October 2015**

**ANS 311-2 Applied Animal Nutrition  
Section II (Essay)**



---

**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%

---

01. I. Discuss the importance of cell wall constituents and the factors affecting the digestion of cell wall constituents in the rumen.

(70 marks)

II. Briefly describe the requirement/s of fiber for different age categories of dairy cattle.

(30 marks)

02. Write short notes on the following.

I. Estimation of nutrient requirement for poultry.

(50 marks)

II. Animal calorimetry.

(50 marks)

**[End of Section II]**