



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



**Animal Science Degree Programme
Year III Semester II
End Semester Examination – August/September 2014**

**ANS 322-2 Animal Feed Resources and Feed Processing
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. Anti-nutritional factors (ANF) are compounds present in the foliage and/or seeds of virtually every plant that is used in practical animal feeding and have the potential to precipitate adverse effects on the productivity of farm livestock.

I. Define the term “Anti-nutritional factors”.

(05 marks)

II. Classify common ANF in plant materials depending on their effects of deleterious factors giving **three (03)** examples for each.

(15 marks)

III. Discuss the beneficial effects of antinutritional factors.

(30 marks)

2. “In the past years, probiotics have constantly increased the importance and aroused growing interest in animal nutrition as a feed additive”.

Justify the statement.

(50 marks)

[End of Section II]