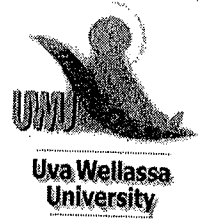


Uva Wellassa University of Sri Lanka
Faculty of Animal Science & Export Agriculture



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

ANS 325-1 Animal Waste Handling and Utilization
Essay Questions (Section II)

Instructions

Answer **all questions** in Section II in booklets provided.

No. of questions : One (01)

No. of pages : One (01)

Time : Thirty (30) mins

Total marks allocated : 60%

01. Assume that you have been consulted to design an **effluent treatment plant (ETP)** for a **large scale Meat Processing Factory** which produces Sausage, Ham and Bacon. Treated effluent is going to be re-used for irrigation and cleaning operations within the factory premises.

I. Design a suitable effluent treatment plant for the above factory and illustrate your design using a **flow diagram**.

(30 marks)

II. **Discuss each treatment unit** in your design in detail.

(70 marks)

[End of Section II]