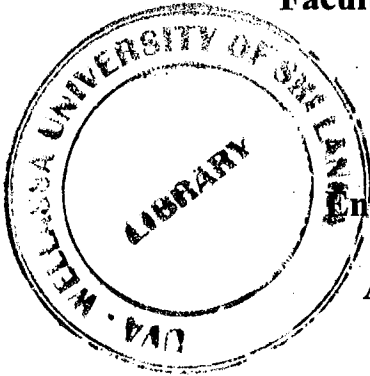


**Uva Wellassa University of Sri Lanka
Faculty of Animal Science & Export Agriculture**



**BASc Degree Programme
Year III Semester II**

End Semester Examination- September/October 2012

**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 there is a large scale milk processing factory located in Badulla District.

The factory process fluid milk to pasteurized milk, yoghurt, cheese, butter, ice cream and ghee. The factory management decided to establish a waste treatment plant for this factory and you are consulted to design this treatment plant.

- (I) Suggest suitable waste treatment process for above factory considering the waste generated during the production (use a flow diagram). (10 marks)
- (II) Discuss each treatment unit in your design in detail. (50 marks)

[End of Section II]