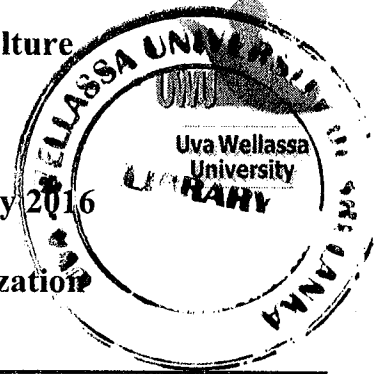


Uva Wellassa University of Sri Lanka
Faculty of Animal Science & Export Agriculture

Animal Science Degree Programme
Year III Semester II
End Semester Examination- January/February 2016

ANS 324-1 Animal Waste Handling and Utilization
Section II (Essay)



Instructions

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

No. of questions : One (01)

No. of pages : One (01)

Time : Thirty minutes (30 mins)

Total marks allocated : 60% ..

1. Assume that you have been consulted to design the effluent treatment plant (ETP) for a milk processing factory which produces fluid milk, powdered milk and yoghurt in large scale. The factory management is planning to use a **land in confined area** to establish the ETP and the treated effluents will be **discharged to the nearby stream**. Design a suitable waste treatment plant for the above factory and discuss in detail on each treatment unit.

(60 marks)

[End of Section II]