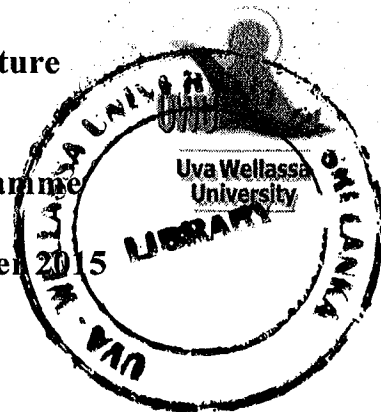


**Uva Wellassa University of Sri Lanka
Faculty of Animal Science & Export Agriculture**

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



**ANS 301-1 Food Microbiology
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 minutes)

Total marks allocated : 60%

01. As the principal microbiologist in a food processing plant, you are assigned to analyze the microorganisms associated with food and their toxins using different bioassay methods.

I. List **four (04)** bioassay methods commonly used in the food industry to detect the microorganisms and their products.

(20 marks)

II. Discuss the bioassay methods mentioned in 01.I) emphasizing the targeted microorganism groups and their products.

(80 marks)

[End of Section II]