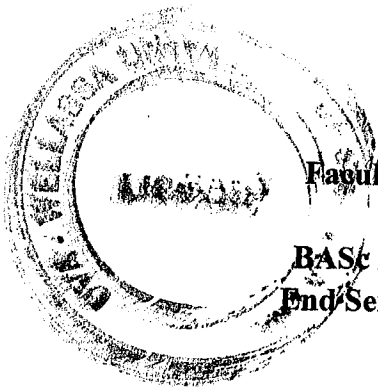




Uva Wellassa University
Faculty of Animal Science and Export Agriculture
BASc in Animal Science/ BSc in Export Agriculture
End Semester Examination –August/ September 2014



Year II Semester I
Agricultural Microbiology- EAG 201-2

Instructions

Answer **all** the questions

No. of questions : 03

No. of pages : One (01)

Time : 01 hour

Total marks allocated : 45 %

Index No.

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Part III–Essay

Question 01

Discuss the role of microorganisms in maintaining the ecological balance of the earth's ecosystems.

(15 marks)

Question 02

Using labeled diagrams explain how the Gram stain differentiates two types of cells on the basis of the structure and other properties besides staining, Gram-positive and Gram-negative bacteria

(15marks)

Question 03

Compare and contrast the followings;

- Microbial fermentation and anaerobic respiration
- Typical growth curve of bacteria and fungi
- Light microscope and electron microscope

(15 marks)