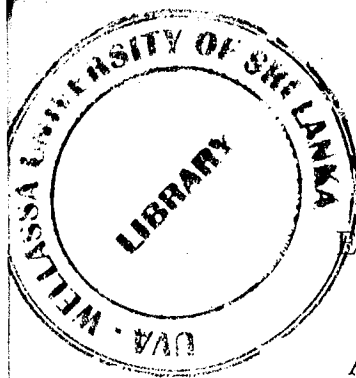
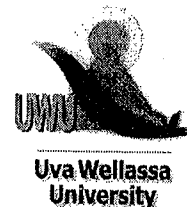




Uva Wellassa University
B.Sc. in Export Agriculture



End Semester Examination August/September 2011
Year II Semester II

Advance Agricultural Microbiology (EAG-212-2)

Instructions

Answer four(04) questions

No. of questions : Five (05)

No. of pages : One (01)

Total marks allocated : 100%

Time : Two hours (2hrs)

1. "Value addition to raw materials and to food can be done by proper handling of microorganisms". Discuss.
2. What is the environmental impact of mineralization?. Discuss the role of microorganisms in the degradation of cellulosic materials.
3. "Illustrate the mechanisms in biological nitrogen fixation. How do you Exploit the nitrogen fixing microorganisms to solve the present fertilizer crisis" Discuss.
4. Write short notes on two (2) of the following
 - a)Benefits of Mycorrhizas to plants
 - b) Associative nitrogen fixation
 - c)Bio- remediation
5. Soil is a niche for diverse groups of microorganisms. Discuss.