



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

**B.Sc in Export Agriculture
Year II Semester II
End Semester Examination - June 2008**

Advanced Agricultural Microbiology (EAG – 2201-2)

Instructions

Answer four (4) questions.

No. of questions : Five (05)
No. of pages : One (01)
Time : Two hours (2 hours)
Total marks allocated : 100%

1. Why is food considered as a good medium for the growth of microorganisms? What are the factors that influence the growth of microorganisms in food?
2. Give an account of the recycling process that occur in nature and indicate the role of the Microorganisms in the nitrogen cycle.
3. What are the types of organic matter that reach in to soil? Give a brief account on the processes of Biodegradation of these materials.
4. Write short notes on two (2) of the following
 - a) Mycorrhiza
 - b) Rhizosphere effect
 - c) Antagonistic interactions of Microorganisms
5. What is "Bioremediation"? How do you use your knowledge on Soil microorganisms to gift a cleaner Environment to the world?