



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

**Year II Semester I
End Semester Examination – Dec. 2008/Jan.2009**

Agricultural Microbiology-AAS- 201-2

Answer all four (4) questions.

No. of questions : Four (04)
Time : Two hours (2 hours)

1. Explain giving examples, the usage of microorganisms in value addition to local agricultural produce.
2. Explain the growth pattern of a bacterium in a nutrient batch. Describe a laboratory method that you have studied to estimate the bacterial growth.
3. Briefly explain the following ;
 - i. Methods that are used to control the growth of microorganisms
 - ii. Continuous culture
4. Write short notes on the following;
 - i. Structure of viruses
 - ii. Doubling time
 - iii. Arithmetic & Logarithmic growth