

Faculty of Animal Science & Export Agriculture  
Uva Wellassa University



Year II Semester I  
End Semester Examination - January 2008

**Agricultural Microbiology-AAS- 211-2**

Answer any four (4) questions.

No. of questions : Five (05)  
Time : Two hours (2 hours)

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1. How can microorganisms be classified on the basis of their nutritional requirements?  
Give their differences.
2. What are the environmental factors that influence the microbial growth?. Describe how temperature affects the rate of growth of bacteria.
3. Explain the following ;
  - i. Physical methods that are used to control the growth of microorganisms
  - ii. Factors that you consider when selecting an ideal disinfectant.
4. Write short notes on Three (3) of the following;
  - i. Bacterio phage
  - ii. Generation time
  - iii. Water activity
  - iv. Superoxide dismutase
5. Write an essay on "Economic importance of microorganisms".