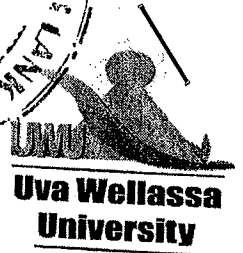


Uva Wellassa University, Sri Lanka  
Faculty of Science and Technology  
Science and Technology Degree program  
2<sup>nd</sup> Semester Examination – September/ October 2013  
SCT 212-1 Microbiology  
Part B – Essay



1.
  - a. Describe the differences between lytic and lysogenic cycle. (10 marks)
  - b. What are viroids? (10 marks)
  - c. Briefly explain the importance of physical and chemical requirements for microbial growth. (20 marks)
  
2.
  - a. Define microbial death rate. (05 marks)
  - b. Discuss the economic importance of fungi with suitable examples. (10 marks)
  - c.
    - i. State the importance of sporulation process. (05 marks)
    - ii. Briefly explain the sporulation process. (20 marks)