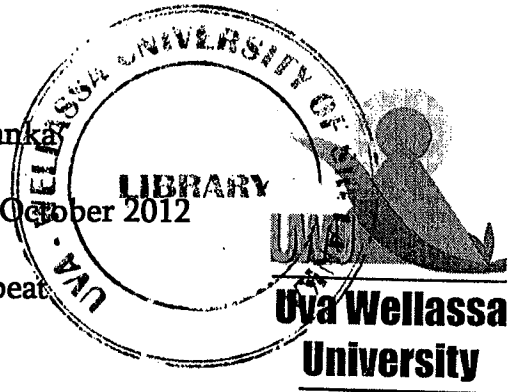


Uva Wellassa University, Sri Lanka

End Semester Examination – September/October 2012

SCT 212-1 Microbiology & Repeat

Time: One (01) hour



Total Five (05) Questions.

Answer only Four (04) questions.

1. Write an account on the applications of microbiology in everyday life. (25 marks)
2. (i) Briefly explain what is microbial death rate. (05 marks)
(ii) Name the factors that can influence for the effectiveness of antimicrobial treatments. (05 marks)
(iii) Briefly explain five methods that can be used to control the microorganisms. (15 marks)
3. (i) Write down the microorganism groups based on their nutrition level giving one examples for each. (08 marks)
(ii) Discuss the chemical & physical requirements that can effect the growth of microorganisms. (17 marks)
4. Briefly explain the direct and indirect methods that can be used to measure the growth of microorganisms. (25 marks)
5. Write short notes on any three (03) of the following.
 - (i) Sporulation process.
 - (ii) Flagella.
 - (iii) Batch culture.
 - (iv) Lytic cycle. (25 marks)