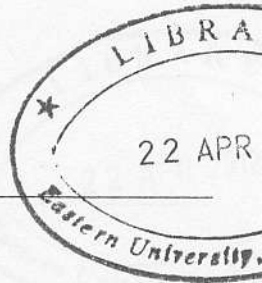


Eastern University, Sri Lanka  
Second Year First Semester Examination in Science – 2008/09  
BT 202 – Microbiology Principles



Answer all questions  
Time: One hour

1. Comment on the following statements;
  - a). Archaea has evolved to withstand extreme environmental conditions.
  - b). Killing all the microorganisms in the body will not be beneficial to human.
  
2. a). What do you mean by "Generation Time" of microorganism.  
b). Explain the difference between batch culture and continuous culture.  
c). Is it possible to obtain a continuous culture under the *In-vitro* condition?  
Explain.