

EASTERN UNIVERSITY, SRI LANKA  
SECOND EXAMINATION IN SCIENCE 2004/2005 ( Dec 2006)  
(REPEAT)  
ZL-202- ANIMAL BEHAVIOUR & EVOLUTION

Time: **Two** hours

Answer **all** questions

(Illustrate your answers with clear labeled diagrams where necessary)

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1.    a). What is behaviour? State the methods that are used to measure the behaviour.  
      b) Describe a learning behaviour using an example.
  
2.    Write short notes on **any two** of the following;  
      a). Innate Behaviour  
      b). Classical conditioning  
      c). Territoriality
  
3.    Discuss the evidences used by Charles Darwin in the study of evolution.
  
4.    Comment on **any two** of the following;  
      a) Genetic drift  
      b). Allopatric and sympatric speciation  
      c). Continental drift

XXXXX