

EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 2005/2006(Aug 2007)
FIRST SEMESTER

ZL 202- Animal Behaviour & Evolution



Time : Two hours

Answer all questions.

(Illustrate your answers with clear labeled diagrams where necessary).

01.
 - a) What is meant by 'Communication in animals'?
 - b) Explain the types of communication found in animals with examples.
 - c) Comment briefly on stimulus filtering behaviour in animals.

02. Write short notes on any two of the following:
 - a) Classical conditioning vs operant conditioning
 - b) Imprinting
 - c) Home range and co-area

03. Write briefly on the role of the following in the theory of evolution.
 - a) Comparative anatomy
 - b) Fossil records
 - c) Charles Darwin

04. What is genetic drift? With known two examples, explain how it affects populations.

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