

EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 2008/2009
External Degree – First Semester
EXT ZL 202 Animal Behaviour and Evolution



Time : **02** hours

Answer **All** questions

(Illustrate your answer with clear labeled diagrams where necessary)

01. a) What is migration?
b) Write briefly on the migration of birds with special reference to Sri Lanka.

02. Write short notes on **any two** of the following:
 - a) Stimulus filtering;
 - b) Importance of habitat selection;
 - c) Modes of communication

03. a) What is genetic drift?
b) Describe the genetic drift with known examples.

04. Comment on any two of the following:
 - a) Comparative anatomy as evidence for the evolution;
 - b) Evolution of human;
 - c) Chemical evolution on earth.

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