



EASTERN UNIVERSITY, SRI LANKA

SECOND EXAMINATION IN SCIENCE 2013/2014 (Mar/ Apr 2016)
ZL 202 ANIMAL BEHAVIOUR AND EVOLUTION (Proper and Repeat)

Time: 02 hrs.

Answer all questions

Illustrate your answer with clear labeled diagram wherever 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) Avoidance and aversion learning
 - b) Antepredatory behaviour
 - c) Application of studies of animal behavior

- 03) a) What is speciation?
b) Write an essay on speciation.

- 04) Write short notes on any **two** of the following:
 - a) Comparative biochemistry as evidence for the evolution;
 - b) Founder effect and bottleneck effect on genetic drift.
 - c) Biological evolution