



EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE 2007/2008 (Dec 2008)
FIRST SEMESTER
ZL 202 ANIMAL BEHAVIOUR AND EVOLUTION

Time: 02 hrs.

Answer all questions.

(Illustrate your answers with clear labeled diagrams where necessary)

- 1.a. What is communication?
 - b. With known examples, give the modes of communication.
 - c. Briefly describe the functions of communication.

2. Write short notes on **any two** of the following:
 - a. Classical conditioning
 - b. Importance of habitat selection
 - c. Feeding techniques.

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

4. Write briefly on the following:
 - a. Darwin's evidences for evolution
 - b. Natural selection
 - c. Speciation.

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