

EASTERN UNIVERSITY, SRILANKA  
SECOND YEAR EXAMINATION IN SCIENCE 2003/2004 (NOV/DEC)  
ZL 202 ANIMAL BEHAVIOUR AND EVOLUTION  
FIRST SEMESTER



Time: 02 hours

Answer **all** questions

(Illustrate your answers with clear, labeled diagrams wherever necessary)

---

1. Write an essay on learning.
2. Explain briefly on any **two** of the following using suitable examples:
  - a. Biological rhythm
  - b. Hierarchy in social groups
  - c. Territory
3. What is genetic drift? Explain how it affects population by means of **two** examples.
4. Write briefly on the role of any **two** of the following in the theory of evolution.
  - a. Fossil records
  - b. Charles Darwin
  - c. Comparative anatomy

XXXXXXXXX