

EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE-2000/2001(2001/2002)
(APRIL2002)
SEMESTER I
ZL 202- ANIMAL BEHAVIOUR &EVOLUTION

Time: 02hrs.

Answer all questions.

(Illustrate your answers with clear, labelled diagrams wherever nesscessary.)

1. Write briefly on any two of the following:
 - a) imprinting
 - b) communication in honey bees
 - c) stimulus filtering
 - d) stress in animals.

2. a) What is biological rhythm?
b) Write on the significance of biological rhythm.

- 3 Discuss the evidences for evolution used by Charles Darwin in the study of evolution.

4. Comment on any two of the following:
 - a) speciation
 - b) Australopithiceans
 - c) George Cuvier- catastrophism
 - d) chemical evolution.

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