



THE OPEN UNIVERSITY OF SRI LANKA

B. Sc DEGREE PROGRAMME 2014

FACULTY OF NATURAL SCIENCES.

ZOOLOGY -LEVEL 5

ANIMAL BEHAVIOUR- ZLU 3183/ ZOU 3173

FINAL EXAMINATION -2014

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Date: 14<sup>th</sup> June 2014

Time 1.30 p.m. to 3.30 p.m

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Answer any four (04) questions.

1. '*Animals are able to filter certain features of a stimulus*'. Citing examples support this statement.
2. Explain the ways by which hormones affect animal behaviour.
3. Giving suitable examples, **discuss** the different mating systems seen among animals.
4. What is meant by sociality? Discuss the advantages and disadvantages of sociality.
5. **A)** .What are the different modes of communications used by animals to communicate with each other?  
**B)** . Briefly explain the functions for which communication is used.
6. Write short notes on **any three (03)** of the followings
  - I. Navigation.
  - II. Brain organization and behaviour.
  - III. Significance of Circannual rhythms.
  - IV. Anti-predatory behaviour.
  - V. Different categories of learning.