



THE OPEN UNIVERSITY OF SRI LANKA  
B.Sc DEGREE PROGRAMME 2017-2018  
FACULTY OF NATURAL SCIENCES  
ZOOLOGY -LEVEL 4  
ANIMAL BEHAVIOUR- ZYU 4303  
FINAL EXAMINATION

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Date: 31<sup>st</sup> March, 2019

Time: 09.30 hrs to 11.30 hrs

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Answer any four (04) questions.

1. a. Briefly explain with examples the **stimulus filtering mechanism** found in animals.  
b. Describe the **lateralization** of brain functions in human.
2. Discuss the role of **endocrine system** in the control of behaviour.
3. Giving examples, explain the significance of **circannual rhythms**.
4. Explain the **learning processes** found in animals with examples.
5. Discuss briefly the methods used in **animal behaviour studies**.
6. Write short notes on any **three (03)** of the following;
  - i. Biological rhythms
  - ii. Prey catching behavior
  - iii. Habitat selection
  - iv. Disadvantages of living in a group