



THE OPEN UNIVERSITY OF SRI LANKA  
B.Sc DEGREE PROGRAMME 2017-2018  
FACULTY OF NATURAL SCIENCES  
ZOOLOGY -LEVEL 5  
ANIMAL BEHAVIOUR- ZLU 3183  
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 animal behaviour.
3. Giving examples, explain the significance of **circannual rhythms**.
4. Explain the **learning processes** found in animals with examples.
5. Briefly discuss the importance of behavior studies and its relevance to **animal management**.
6. Write short notes on any **three (03)** of the following;
  - i. Communication in animals
  - ii. Imprinting
  - iii. Animal migration
  - iv. Advantages of living in a group