

The Open University of Sri Lanka
Faculty of Natural Sciences
B.Sc/ B. Ed Degree Programme



Department	: Zoology
Level	: Level- 4
Name of the Examination	: Final Examination
Course Code and Title	: ZYU 4303-Animal Behaviour
Academic Year	: 2020/2021
Date	: 2022.03.18
Time	: 9.30am- 11.30 am
Duration	: Two hours (02 hrs.)
Index number	:

General Instructions

1. Read all instructions carefully before answering the questions.
2. This question paper consists of 06 questions in **02** pages.
3. Answer any **04** questions only. All questions carry equal marks.
4. Answer for each question should commence from a new page.
5. Draw fully labelled diagrams where necessary
5. Relevant log tables are provided where necessary.
6. Having any unauthorized documents/ mobile phones in your possession is a punishable offense
7. Use blue or black ink to answer the questions.
8. Circle the number of the questions you answered in the front cover of your answer script.
9. Clearly state your index number in your answer script

Answer any **04** questions only.

1. "Behaviour of an animal is influenced by learning". Support this statement by explaining different categories of learning in animals.
2. Discuss the experimental evidence to demonstrate that behaviour is inherited.
3. Citing appropriate examples from the animal kingdom, discuss the advantages and disadvantages of living in social groups.
4. Write an essay on sexual selection of animals.
5. Briefly discuss how the knowledge on animal behaviour applied in the management of animals in zoos.
6. Write short notes on any **three (03)** of the following
 - a) Altruism
 - b) Agonism
 - c) Imprinting
 - d) Feeding techniques