

The Open University of Sri Lanka
Faculty of Natural Sciences
BSc Degree Programme



Department : Zoology
Name of the Examination : Final Examination
Course Code : ZYU4303
Course Title : Animal Behaviour
Academic Year : 2024/25
Date : 09/05/2025
Time : 9.30am -11.30 am
Duration : Two hour (2 hours)

Index number :

General Instructions

1. Read all the instructions carefully before answering the questions.
2. This question paper consists of 06 (six) questions in ~~two~~ pages.
3. Answer **any 04 (four)** questions only. All questions carry equal marks.
4. Answer should be written in answer book provided.
5. Answer for each question should commence from a new page.
6. Draw fully labelled diagrams where necessary
7. Having any unauthorized documents/ mobile phones in your possession is a punishable offense.
8. Circle the number of the questions you answered on the front cover of your answer script.
9. Clearly state your index number in cover page and all other pages of your answer scripts.

Answer any **four (04)** questions.

1. "Behaviour of animal is influenced by hormones" Support this statement giving suitable examples.
2. Discuss the antipredator behaviour elicited by animals to escape from predators in natural environment.
3. Describe the experimental evidence to demonstrate that behaviour is inherited.
4. Briefly discuss how the knowledge on animal behaviour is applied in the management of animals in the Zoological gardens.
5. Discuss different modes of communication used in animals
6. Write short notes on **any three (3)** of the following.
 - a. Advantages and disadvantages of sociality
 - b. Imprinting
 - c. Biological clock
 - d. Motivation