



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91 CADASTRAL ZONE, NNAMDI AZIKIWE
EXPRESS WAY, JABI - ABUJA.
FACULTY OF SCIENCE
Department of Biological Sciences
2025_2 EXAMINATIONS

BIO 314: Animal Behaviour

TIME: 2Hours

CREDIT UNITS: 2

INSTRUCTION: Answer THREE (3) questions in all. Question 1 is compulsory

- 1a: Discuss ethology, and highlight the founding figures of this field? (10 marks)
1b: Explain display behavior in animals and how it functions in communication? (10 marks)
1c: What are the primary functions of courtship behavior in animals? (10 marks)

TOTAL= 30 MARKS

- 2a: What are biological clocks, and how do they function in regulating circadian rhythms?
2b: Discuss how birds use the Earth's magnetic field for navigation during migration?

TOTAL = 20 MARKS

- 3a: Discuss some common social structures observed in primate societies? (10 marks)
3b: How do primates use grooming as a social behavior, and what are its benefits? (10 marks)

TOTAL = 20 MARKS

- 4a: How do courtship behaviors contribute to reproductive success in animals? (10 marks)
4b: What are the different parental care strategies observed in animals, and how do they benefit offspring? (10 marks)

TOTAL = 20 MARKS

- 5a: Explain the difference between a reflex and a complex behavior? (10 marks)
5b: Discuss displacement behavior, and how does it relate to conflict behavior in animals? (10 marks)

TOTAL = 20 MARKS