



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF SCIENCE
Department of Biological Sciences
2022_2 EXAMINATION

BIO 314 - ANIMAL BEHAVIOUR

CREDIT UNIT: 2

TIME ALLOWED :2 HOURS

INSTRUCTION: ANSWER THREE QUESTIONS ONLY. QUESTION 1 IS COMPULSORY.

1a. Write comprehensively on examples of emotions in the following groups of organisms;

- i. Primates (9mks)
- ii. Fish (9mks)
- iii. Felines (6 mks)

1b. Discuss the concept of Sexual orientation (6 mks)

2a. Write on the role of Synapses in neural signals (20 mks)

3a. Enumerate TWO conditions in which Displacement actions occur (2 mks)

3b. Outline some examples of Fixed Action Pattern exhibited by some animals (18 mks)

4. a. Explain the concept of Motivation (8 marks)

b. Discuss the role of auditory system as one of the biological factors attributed to development of sexual orientation (12 marks)

5. Discuss the exhibition of True Aggressive behaviour in animals (20 mks)