



# NATIONAL OPEN UNIVERSITY OF NIGERIA

National Open University of Nigeria

Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja

Faculty of Science

APRIL/MAY, 2019 EXAMINATIONS

**COURSE TITLE: ANIMAL BEHAVIOUR**

**COURSE CODE: BIO 314 (2 UNITS)**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTION: ANSWER QUESTION 1 AND ANY OTHER THREE QUESTIONS**

1. (a). Discuss the classification of the peripheral nervous system by functions and direction. **5 marks**  
(b). Explain the effects of sleep deprivation. **5 marks**  
(c). Why would cultural anthropology not tell evolutionists what we need to know about culture? **12 marks**  
(d). Give any three examples of courtship in the animal kingdom. **3 marks**
2. (a). What is ethology? **3 marks**  
(b). How does comparative psychology differ from ethology and in what way is it similar to it? **7 marks**  
(c). Discuss briefly why sexual selection pre-empts natural selection **5 marks**
3. (a). Distinguish very clearly between sexual orientation and sexual identity and behaviour. **10 marks**  
(b). Discuss sexual maturity in **one named mammal**. **5 marks**
4. a. Name five types of taxes in animal. **5 marks**  
b. Explain each of these taxes. **10marks**
5. Write briefly on the following:  
(i). Self-Actualization **5 marks**  
(ii). Displacement behavior in cat **7 marks**  
(iii). Three types of classic motivation conflicts **3 marks**