



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: BIO314
COURSE TITLE: ANIMAL BEHAVIOUR

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER QUESTION 1 AND ANY OTHER THREE QUESTIONS

1. (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 sexual maturity in **one named mammal**. **5 marks**
(d). Discuss the classification of the peripheral nervous system by functions and direction. **10 marks**
2. (a). Discuss multimale-multifemale group as a social group composition among primates **10 marks**
(b). Write briefly on the effects of sleep deprivation on a person. **5 marks**
3. (a). Distinguish very clearly between sexual orientation and sexual identity and behaviour. **10 marks**
(b). Discuss briefly why sexual selection pre-empts natural selection **5 marks**
4. Discuss five types of taxes (taxis singular) in animal. **15 marks**
5. Write briefly on the following:
(i). Navigation methods in mammals **9 marks**
(ii). Sexual selection for indicators of phenotypic and genotypic qualities of a mate **6 marks**
6. (a). What is homing? **3 marks**
(b). Write briefly on instrumental conditioning of animals **9 marks**
(c). Give any three examples of courtship in the animal kingdom. **3 marks**