



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science

DEPARTMENT OF BIOLOGICAL SCIENCES

2024 1 EXAMINATION

COURSE CODE: BIO 412

COURSE TITLE: WILDLIFE ECOLOGY AND CONSERVATION

CREDIT: 3 Units

TIME ALLOWED: 2½ Hours

Instructions: Attempt question number One (1) and any other THREE (3) questions. Question number one (1) carries (25) marks, while the other questions carry (15) marks each.

1. (a) Outline in detail the following strategists in conflict resolution
 - i. **Problem Solving / Collaboration / Confronting (6mks)**
 - ii. **Withdrawing/Avoiding (6mks)**
 - iii. **Forcing/Competing (6mks)**(b) Write on Predation in wildlife ecology (7mks)
2. Briefly explain wildlife management areas (15mks)
3. Write succinctly on Wetland Resources (15mks)
4. (a) Write on the four most dangerous animals in Nigeria today (6mks)
(b) Write on the beneficial influence of wildlife on forestry (6mks)
(c) What is non-probability sampling? (3mks)
5. (a) Outline the factors that determine using a probability or a non-probability approach to sampling. (5mks)
(b) Write shortly on Direct searching method for Invertebrate Sampling (10mks)
6. (a) Write on Sample units shape in wildlife ecology (6mks)
(b) Explain in details the Recreational function of the Botanical Garden (9mks)