



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

DEPARTMENT OF BIOLOGICAL SCIENCES

2024_2 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) Write on the damages wild deer animal causes to forest trees areas **(12mks)**
(b) Outline the action needed to Protect Biodiversity **(6mks)**
(c) List the consequences of climate change on wildlife habitats **(7mks)**
2. (a) What is the main role of conservation policy? **(9mks)**
(b) Write on sample unit size in wildlife ecology **(6mks)**
3. (a) Write exhaustively on wildlife conservation **(9mks)**
(b) Explain the Rio Declaration **(6mks)**
4. (a) List the objectives of the Convention on Biological Diversity (CBD) **(3mks)**
(b) Write on the importance of wildlife protection policies and legislation **(12mks)**
5. (a) Outline the major outcomes of human-wildlife conflict **(6mks)**
(b) Explain wildlife conservation **(6mks)**
(c) List the three categories of biotic components **(3mks)**
6. Succinctly explain the use of chemical control in wildlife and the damages to crops. **(15mks)**