



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**  
**Faculty of Science**

**Department of Pure and Applied Sciences**

**APRIL/MAY, 2019 EXAMINATIONS**

**COURSE CODE: BIO 412 (3 CREDIT UNITS); TIME ALLOWED: 3HOURS**  
**COURSE TITLE: WILDLIFE ECOLOGY AND CONSERVATION**

**INSTRUCTION: Answer question ONE (1) and any other FOUR (4) questions only**

- 1a What are the basic goals of the Convention of Biological Diversity as advanced by ecotourism. **(4 marks)**
- 1b Outline any six factors that influence the number of animals present at a given time in a given geographic range. **(6 Marks)**
- 1c List any six biotic factors that directly impact living things or human life. **(6 Marks)**
- 1d Enumerate the major factors that influences vegetation change. **(6Marks)**
  
- 2a Outline any eight objectives of the National Forest Policy **(8 marks)**
- 2b What are the factors that influences succession changes in the environment? **(4marks)**
  
- 3a What are the three basic goals of the Convention of Biological Diversity as advanced by ecotourism. **(6Marks)**
- 3b List any six potentials of ecotourism to the economic advancement of Nigeria **(6marks)**
  
- 4a Outline any four beneficial influences of forestry on wildlife **(4Marks)**
- 4b What are the problems of wildlife conservation in Nigeria **(8marks)**
  
- 5a Enumerate any four detrimental effects of forestry on wildlife **(4Marks)**
- 5b What are the problems associated with wildlife conservation in Nigeria. **(8marks)**
  
- 6a Briefly, describe any five adaptive features of plants for life in terrestrial environment **(10Marks)**
- 6b What are the methods used for the control of wildlife damage to forest crops. **(2marks)**