

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

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

**Faculty of Sciences**

**Department of Pure and Applied Sciences**

**NOVEMBER 2018 EXAMINATION**

**COURSE CODE: BIO412 (3 CREDIT UNITS) TIME ALLOWED: 3 Hours**

**COURSE TITLE: WILDLIFE ECOLOGY AND CONSERVATION**

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

**1**a Outline any **eight** objectives of the national forest policy. **(8 marks)**

1b What are the influences of forestry on wildlife. **(8 Marks)**

1c List any **six** biotic factors that directly impact living things or human life. **(6 Marks)**

**2**a List any **six** eco-touristic resources and their locations in Nigeria (**6 Marks)**

2b List the **three** basic goals of the Convention of Biological Diversity as advanced by ecotourism **(6 Marks)**

**3**a Briefly, explain any **six** problems associated with wildlife conservation in Nigeria

**(6 marks)**

3b Discuss the importance of ecotourism to the economic empowerment of the nation

 **(6 marks)**

**4**a Discuss the major constraints to ecotourism in Nigeria **(6 marks)**

4b Give a brief overview of Wildlife and biodiversity conservation in Nigeria (**6 marks)**

**5**a Briefly describe any **five** evolving adaptive features of plants for life in terrestrial environment **(10 marks)**

5b What is species biotic potential? **(2 marks)**

**6**a Outline any **three** factors which can pave way for serious parasite-disease outbreaks due to an increase in game population. (**6 marks)**

6b Identify and explain the various methods used for the control of wildlife damaging forest crops. (**6 marks)**