



National Open University Of Nigeria
Plot 91, Cadastral Zone, NnamdiAzikiwe Expressway, Jabi - Abuja
Faculty of Science
JANUARY/ FEBRUARY 2018 EXAMINATION

COURSE CODE: BIO 412 (3 CREDIT UNITS) TIME ALLOWED: 3 Hours

COURSE TITLE: WILDLIFE ECOLOGY AND CONSERVATION

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

- 1a Briefly describe any five evolving adaptive features of plant for life in terrestrial environment(**10 marks**)
- 1b Identify and explain the various methods in use for the control of wildlife damaging forest crops (**6 marks**)
- 1c List any six influences of wildlife on forestry(**6 marks**)

- 2a What is species biotic potential?(**4 marks**)
- 2b Outline any four biotic factors that are directly connected with living things(4 marks)
- 2c Enumerate any four factors that can influence vegetation change (**4 marks**)

- 3a List two diseases each of wildlife which are of importance in conservation caused by bacterial, viral and parasites (**3 marks**)
- 3b Outline any three factors which automatically pave way for serious parasite- disease outbreaks due to increase in games population (**6 marks**)
- 3c List the three specific objectives of conservation efforts (**3 marks**)

- 4a Briefly, explain any six problems associated with wildlife conservation in Nigeria (**6 marks**)
- 4b List the three basic goals of the Convention of Biological Diversity as advanced by ecotourism (**6 marks**)

- 5a Outline and discuss the potentials of ecotourism to economic empowerment of Nigeria (**6 marks**)
- 5b List any six eco-touristic resources and there location in Nigeria (**6 marks**)
Some of the various eco-tourist sites in Nigeria

- 6a Outline any eight objectives of the national forest policy (**4 marks**)
- 6b Give an overview of the problems of wildlife conservation in Nigeria(**4 marks**)