



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja
Faculty of Agricultural Sciences
October/November, 2016

COURSE CODE: AGB 404

COURSE TITLE: RESOURCE MANAGEMENT

DURATION: 2 1/2 HRS

ANSWER ANY 5 QUESTIONS

1. (a) Write a short historical perspective on the study of biological diversity.
(b) Explain the different levels of biodiversity.
2. (a) What is genetic erosion ?
(b) Explain the concept of genetic diversity
3. (a) What is phytoremediation?
(b) Discuss some benefit of biotechnology application in crop production.
4. (a) Why is germplasm conservation necessary?
(b) What precaution do you need to adopt to ensure efficient management of seed banks?
5. Discuss briefly the approaches that can be adopted to control and manage biodiversity in Nigeria
6. (a) Explain the term “ Convention on Biological Diversity”
(b) Name three endangered ecosystem in Nigeria
(c) What are the major constraints to biodiversity management in Nigeria?
7. (a) List the features used in assessing wood quality traits.

(b) What are the causes of genetic erosion among animal species?