



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF CROP AND SOIL SCIENCES
EXAMINATION 2021_2

COURSE TITLE: AGRICULTURE AND BIO RESOURCE MANAGEMENT (2CU)

COURSE CODE: CRP308

TOTAL SCORE: 70 MARKS

TIME ALLOWED: 2hours

INSTRUCTION: Answer THREE Questions in All. Question 1 is compulsory (30marks) and any two questions (20 marks each)

1

- a. Explain genetic diversity and Identity sources of genetic diversity. (10 marks)
- b. What is biological diversity, give five (5) types and five (5) uses of bio diversity. (15 marks)
- c. Define specie (i) richness (ii)evenness. (5 marks)

2

- a. Define genetic erosion and list four sources of genetic erosion. (10 marks)
- b. What is eco system, Enumerate three characteristics /features of ecosystem. (10marks)

3

- a. Define genetic recombination and Itemise four types of genetic recombination. (10marks)
- b. What is germplasm, State four benefits of preserving germplasm. (10marks)

4

- a. Define plant biotechnology and carefully name four traits of interest in plants. (10Marks)
- b. state five importance and five benefits of plant biotechnology in forest production. (10marks)