



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
Km 4 Kaduna-Zaria Expressway Rigachikun, Kaduna
DEPARTMENT OF CROP AND SOIL SCIENCES
2023_1 EXAMINATIONS.

COURSE CODE: AEM 713

COURSE TITLE: TREE CROPS PRODUCTION

TOTAL CREDIT UNIT: 2CU

2022_1 EXAM SET A

INSTRUCTIONS: Answer three questions in all. Question one is compulsory and it carries 30 marks. Any two is 20 marks each.

TIME ALLOWED: 2.30 hours

Q1

- a) What qualities should you look out for in a seed for sowing in your nursery (10 marks)
- b) Outline the importance of the following nursery materials:
 - i) Polythene bags
 - ii) Manures/fertilizers
 - iii) Saw dust
 - iv) Insecticides/fungicides
 - v) Fertile top soil(10 marks)
- c) Explain the importance of the following factors as you consider selecting your field site for tree crops production
 - i) Soils
 - ii) Sunshine(10 marks)

Q2

Explain in detail post grafting and budding cares that are required in vegetative propagation (20 marks)

Q3

In marking out your permanent field for the establishment of your tree crops, two operations are important, Blocking of the plantation and Locating the planting holes. Explain in detail these two terms (20 marks)

Q4

- a) Outline the processing techniques in cashew (*Anacardium occidentale*) (10 marks)
- b) Mention five insect pests of cashew and indicate their control measures (10 marks)