



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF CROP AND SOIL SCIENCE
2025_2 EXAMINATIONS**

COURSE TITLE: Tree Crops Production (2 CU)

COURSE CODE: AEM713

TOTAL SCORE: 70 MARKS

INSTRUCTION: *Answer 3 questions in all*

Question 1 is compulsory (30 marks) and any other TWO questions (20 marks each)

TIME ALLOWED: 2 ½ Hours

1 a. From North to South, East and West, Nigeria is very rich in fruit bearing trees, as a student of Horticulture distinguish between different types of economic tree crops in Nigeria (10marks)

1b. Site selection is very critical in the success of any agri-business venture; write elaborately on factors to be considered in selecting a site for Nurseryenterprise. (20 marks)

2a. As an experienced Plantation Supervisor, enlighten your farm attendants on
‘Cautions to observe in vegetative propagation practices in Nigeria. (10 marks)

2b. State the Advantages of locating nursery very close to the planting site:
(5 marks)

2c. Outline appropriate tools and materials that are vital in carrying out a successful nursery culture (5 marks)

3a. Outline clearly practical steps in marking out Field for seedlings transplanting into the permanent field. (15 marks).

3b. Shade management as post-planting practices for the establishment of tree crops is very germane, discuss. (5 marks).

4a. Mango is one of the most highly perishable fruits in the tropic, discuss in details; postharvest handling, storage and processing of mango fruits (15 marks).

4b. The application of mulch is a cultural method which yields handsome dividends when properly carried out because it is beneficial to crop, discuss. (5 marks).