



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**FACULTY OF AGRICULTURAL SCIENCES**

**DEPARTMENT OF CROP AND SOIL SCIENCES**

**COURSE CODE: AEM 713**

**COURSE TITLE: TREE CROPS PRODUCTION**

**2019\_1 EXAMINATION**

**INSTRUCTIONS:** Answer four questions in all. Question one is compulsory and it carries 25 marks. Any three is 15 marks each.

**TIME ALLOWED:** 2.30 hours

- 1) (a), Differentiate between vegetative propagation and sexual propagation with at least one example (10 marks)  
(b) List five types of budding that you know (5 marks)  
(c) Mention ten important uses of cashew nut (10 marks)
- 2) (a) Differentiate between raised bed and sunken bed in nursery bed preparation (5 marks)  
(b) Discuss these climatic factors that affect tree crops. (10 marks)
- 3) (a) Mention any five nursery equipment in a typical tree crop farm. (5 marks)  
(b) Explain the uses of 5 nursery materials required in a tree crop nursery. (10 marks)
- 4) (a) Explain in detail the importance of mulching and shade management as post planting operations in tree crop orchard (10 marks)  
(b) Explain the importance of 'location' as a factor to be considered in selecting nursery site (5 marks)
- 5) (a) Explain ways of obtaining early germination in cashew. (5 marks)  
(b) In a tabular form, mention five pests of cashew plant and their control (10 marks)
- 6) (a) List three cultivars of banana that you know (6 marks)  
(b) Mention any four vegetatively propagated planting materials of banana (3marks)  
(c) List three major tropical pests of banana (6 marks)