



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF AGRICULTURAL SCIENCES  
DEPARTMENT OF CROP AND SOIL SCIENCES**

**EXAMINATION: 2021\_1 POP EXAMINATION**

**COURSE TITLE: TREE CROPS PRODUCTION (2CU)**

**COURSE CODE: AEM 713**

**TOTAL SCORE: 70 MARKS**

**INSTRUCTION: Answer *THREE* Questions in all.**

***Question 1 is compulsory (30marks) and any TWO Questions (20 marks each)***

**TIME ALLOWED: 2hours**

- 1) (a) Tree crops have been in use in Nigeria for a long time now. Why do you think that tree crops are of importance to the nations' economy (10 marks)  
  
(b) Mention the symptoms that you will use to detect stock-scion incompatibility in vegetative propagation (10 marks)  
  
(c) What are the cautions that you should observe when carrying out vegetative propagation (10 marks)
- 2) (a) List the main factors that determine the suitability of a site for growing tree crops in Nigeria (10 marks)  
  
(b) ) List six (6) types of budding that you know (10 marks)
- 3) From the table below, indicate the appropriate method of Propagation (20 marks)

S/N	TREE CROP	METHOD OF PROPAGATION
1	Mango	
2	Citrus	
3	Banana	
4	Guava	
5	Cashew	
6	Cocoa	
7	Pawpaw	
8	Kolanut	
9	Rubber	
10	Pineapple	

- 4) (a) State any four (4) types of grafts that you know (10 marks)
- (b) Cover crops like mucuna, melon etc are known to be useful to farmers in the tropics. Mention the importance of cover crops in the management of tree crops (10 marks)