



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
2021_2 POP EXAMINATION

COURSE CODE: CRP 304 [2 CREDITS]

COURSE TITLE: PRINCIPLES OF HORTICULTURAL CROP

**INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS. QUESTION 1 IS
COMPULSORY (25 marks) AND ANY OTHER THREE (15 marks each)
QUESTIONS**

- 1 State five (5) reasons for budding and grafting (5 marks)

b. Mention five (5) rules which must be taken consideration for any grafting method to be successful (10 marks)

c. Explain the layering process of growing horticultural crops (10 marks)
- 2 Explain the following leaf cutting methods of vegetative propagation of horticultural crop production practices

i. Whole Leaf with Petiole ii. Whole Leaf without Petiole iii. Flower Stalks
(15 marks)
- 3 Explain how weed management can affect the production of horticultural crops (15 marks)
- 4 List four (4) post-harvest operations carried out on horticultural crops and explain any two (2) (15 marks)
- 5 Mention four (4) principles of crop rotation (4 marks)

b. Describe Sequential cropping and its types (11 marks)
- 6 Explain the term Inter cropping and state the factors to be considered before inter cropping must take place? (11 marks)

b. Mention four (4) types of inter cropping? (4 marks)