



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi, Abuja
Faculty Agricultural Sciences
First Semester POP Exam Question April 2019

Course Title: PRINCIPLES OF HORTICULTURAL CROPS PRODUCTION

Course Code: CRP304

Credit Unit: 2

Total Score: 70 Marks

Time Allowed: 2 Hours

INSTRUCTION: Answer Compulsory question 1 (25 marks) and any 3 questions (15 marks each).

QUESTIONS

- 1a. State six (6) Importance of Vegetables in Human Diet. (6marks)
- b. Explain the following terms:
 1. Maturation
 2. Hardy plants
 3. Climacteric fruit
 4. Mulching (16marks)
- 1c. Define the following aspects of Horticulture: 1. Arboriculture
2. Oleiculture 3. Pomology (3 marks)
- 2.a List the basic requirements of siting the orchard or vegetable farm. (6 marks)
- 2b. Write brief notes on the following:
 - i. Land preparation (3 marks)
 - ii. Watering of transplanted crops (3 marks)
 - iii. Fertilizer application (3 marks)
- 3a. State five (5) principles of combined preservation procedures? (7.5marks)
- 3b. Describe five (5) Factors that influence the drying process (7.5 marks)
- 4a. What is the economic importance of pests to Agriculture? (6marks)
- 4b. Based on economic threshold, briefly describe three (3) ways that pests can be classified (9 marks)
- 5a. What causes overheating in transportation? (5marks)
- 5b. List any five (5) Factors that contribute to overheating (5marks)
- 5c. State any five (5) types of Refrigerated trailers (5 marks)
- 6a. Outline three processes of preserving vegetables traditionally? (6marks)
- 6b. Describe the methods of Preserving vegetables by acidification (9 marks)