



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF AGRICULTURAL SCIENCES  
DEPARTMENT OF CROP AND SOIL SCIENCE  
2024\_2 EXAMINATION**

***COURSE TITLE: ORGANIC AND URBAN FARMING (2 CU)***

***COURSE CODE: CPR309***

***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 Define protected cultivation and explain seven of the various types (16 marks)
  - b. Explain soil-less cultivation as a medium in protected cultivation (4mks)
  - c. State advantages of composting. (10mks)
- 2a. Justify the inclusion of mulching in organic farming. (10mks)
  - b. Explain green manure and enumerate its advantages 10mks
- 3a. What are soil management objectives? 10mks
  - b. Sod culture was modified as a method of soil management. How? 10mks
- 4a Soil needs water application. Explain 10mks
  - b. Discuss advantages of natural methods of pest and disease control over chemical control. 10mks