



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
2021_2 EXAMINATIONS

COURSE CODE: EMT403

COURSE TITLE: ENVIRONMENTAL ASPECT OF FARMING SYSTEM

CREDIT: 3 Units

TIME ALLOWED: 3 Hours

Instruction: Attempt question number ONE (1) and any other FOUR (4) questions. Question number one (1) carries 22 marks, while the other questions carry (12) marks each.

- 1a. Explain the significance of soil structure in agriculture. (6 marks)
- b. Discuss how endogenous factors influence farming. (6 marks)
- c. List five factors that influence clearance system of shifting cultivation. (5 marks)
- d. Describe the relevance of soil texture in farming. (2 marks)
- e. List five causes of shifting cultivation. (3marks)

- 2a. Enumerate five ways by which farmers can reduce wind effects on their farms. (10 marks)
- b. List any four principles of farming system. (2marks)

- 3a. Classify farming according to the degree of commercialization. (6 marks)
- b. What is nomadic pastoralism all about? (2 marks)
- c. List five major problems facing agriculture in Nigeria. (4marks)

- 4a. Describe farming system. (6 marks)
- 4b. Explain the scope of integrated pest management farming. (4 marks)
- 4c. The quantity of rainfall of an area determines the type of farming system. True/False. (2 mark)

- 5a. State three measures on how to protect the soil against fire. (6 marks)
- b. Discussed mixed cropping. (4 marks)
- c. State five importance of planting on ridges. (2 marks)

- 6a. State five reasons for practicing permanent farming. (8 marks)
- 6b. Enumerate five demerits of permanent agriculture. (4 marks)