



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