



**National Open University of Nigeria**  
**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**  
**Faculty of Sciences**  
**2022\_1 EXAMINATIONS**

**COURSE CODE: EMT 403**

**COURSE TITLE: Environmental Aspects of Farming Systems**

**CREDIT: 3 Units**

**TIME ALLOWED: 2 Hours**

**Instruction:** Attempt question number ONE (1) and any other THREE (3) questions. Question number one (1) is compulsory and carries 25 marks, while the other questions carry equal marks (15) each.

Q1.

- a. What is zero tillage farming? (6 marks)
- b. What is mixed farming system? (5 marks)
- c. Explain irrigated farming system. (6 marks)
- d. What do you understand as pastoral farming? (4 marks)
- e. What are the importance of permanent agriculture? (4 marks)

Q2.

- a. Explain the influence of endogenous factors on farming. (6 marks)
- b. Mention five factors that influence clearance system of shifting cultivation. (5 marks)
- c. Of what relevance is soil texture in farming? (4 marks)

Q3.

- a. Explain integrated farming system (5 marks)
- b. List five importance of farming system. (10 marks)

Q4.

- a. Enumerate five characteristics of commercial farming. (5 marks)
- b. State any five features of plantation farming. (5 marks)
- c. What are the five objectives of farming system? (5 marks)

Q5.

- a. What is shifting cultivation? (5 marks)
- b. Why do farmers use draft animals in permanent farms? (10 marks)

Q6.

- 6a. What is the significance of soil structure in agriculture? (5 marks)
- 6b. Name any five characteristics of shifting cultivation. (5 marks)
- 6c. Justify the need to conserve soil. (5 marks)