



ELIZADE UNIVERSITY,  
ILARA-MOKIN, NIGERIA

FACULTY: BASIC & APPLIED SCIENCES

DEPARTMENT: BIOLOGICAL SCIENCES

FIRST SEMESTER EXAMINATION

2019/2020 ACADEMIC SESSION

COURSE CODE: EMT 403

COURSE TITLE: Environmental Aspect of Farming Systems

DURATION: 2 hours

HOD's SIGNATURE

NAME:.....

MAT. No:.....

INSTRUCTIONS Answer any three (3) questions

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- 1a. Identify the objectives of farming systems.
- b. Outline ten (10) characteristics of tree or shrub species used for alley cropping.
- c. Why do farmers practice irrigation? **(20 marks)**
- 2a. What do you understand by the term "shifting cultivation"?
- b. What are the advantages and disadvantages of shifting cultivation.
- c. Outlines the principles of crop rotation. **(20 marks)**
3. Write short notes on the followings:
  - a. Pastoral farming
  - b. Crop rotation
  - c. Multiple cropping
  - d. Mixed cropping
  - e. Intercropping
  - f. Ranching
  - g. Farming systems
  - h. Cropping systems **(20 marks each)**
4. Explain how environmental factors affect livestock production. **(20 marks)**
- 5a. Explain the types of irrigation systems that you know
- b. What makes it difficult for herdsmen in Nigeria to practice ranching.
- c. Does organic fertilizer has effect on the environment? Justify your answer. **(20 marks)**