



# NATIONAL OPEN UNIVERSITY OF NIGERIA

Department of Agricultural Economics and Extension

FACULTY OF AGRICULTURAL SCIENCES

## 2025\_2 EXAMINATIONS

---

Course: ARD 302: Extension Teaching, Learning Processing and Methods  
Credit Unit: 3  
Level: 300  
Time Allowed: 2hrs 30 Minutes  
Instructions: Answer question one (1) which is compulsory. Attempt any three (3) questions which carry equal marks.

1.
  - a) List and discuss six (6) principles guiding effective extension teaching (12marks).
  - b) Mention two (2) advantages and limitations of extension teaching (4 marks).
  - c) Some factors are related to the characteristics of the learning process of the external situation in which learning takes place. Discuss five (5) factors affecting effective learning in agricultural extension (7.5 marks).
  - d) It is necessary that extension workers get motivated because they have feeling of belongingness to the extension organization and love to the profession. Mention 3 factors motivating extension workers in extension organization (1.5 marks).

**Total = 12 + 4 + 7.5 + 1.5 = 25 marks**

2.
  - a. Identify and explain three (3) significant conditions for effective use of teaching methods in extension (7.5 marks).
  - b. List five (5) individual contacts based on extension methods of classification (2.5marks).
  - c. In agricultural extension work, any message sent to the farmers must possess certain characteristics. Mention five (5) characteristics of the message (5marks)
3.
  - a. Outline and discuss five (5) steps in communication process in extension (10 marks).

- b. Discuss Empathy and Feedback as strategies to creating effective communication in extension (5 marks).
4. a. Identify and describe five (5) characteristics that are common to all good instructional materials in extension (10 marks).  
(b) Explain in the concept of projected and non-projected instructional materials in extension (5marks).
5. a. Once appropriate instructional materials have been selected, careful preparation is needed to ensure optimum effectiveness. As an extensionist or extension teacher, mention and discuss four (4) major steps to follow in preparing for the use of instructional materials in extension (10 marks).
- b. What do you understand by learning situation and learning experience in agricultural extension? (5 marks).