



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Department of Agricultural Economics and Extension**  
**FACULTY OF AGRICULTURAL SCIENCES**  
**2025\_2 EXAMINATIONS**

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Course: AEM302: Extension Teaching, Learning Processing and Methods  
Credit Unit: 3  
Level: 300  
Time Allowed: 2 hrs. 30 min.  
Instructions: Answer question one (1) which is compulsory. Attempt any three (3) questions which carry equal marks.

1.
  - (a) What do you understand by good extension teaching? (2.5 marks).
  - (b) For effective teaching in extension work to take place, there are several procedures to be considered. List and discuss five of them with special reference to good extension teaching (7.5 marks).
  - (c) There are some characteristics of extension teaching which if understood by the extension worker can help in assisting the clientele to gain an understanding of the concept he is trying to sell to them. Discuss five of the characteristics (10 marks).
  - (d) The extension worker is a teacher who brings about desirable changes in human behavior. List four (4) and discuss three (3) logical steps in extension teaching for him to meet success in his efforts (5 marks).
2.
  - (a) What do understand by the term learning in agricultural extension? (3 marks)
  - (b) Differentiate between learning situation and learning experience in agricultural extension (6 marks).
  - (c) Transfer of learning depends upon on a number of similar components in the two situations and also upon the mental capacity of the learner. Mention four (4) ways by which transfer of learning can be achieved in extension (6marks).
3.
  - (a) Identify and discuss five factors influencing motivation in agricultural extension (10marks)
  - (b) Discuss portability and visibility as characteristics common to all instructional materials in extension (5 marks).

4.
  - (a) Explain the concept of Farm and Home visits in agricultural extension (3 marks).
  - (b) Discuss five significant purposes of farm and home visits in extension (7.5marks).
  - (c) Explain the concept of group discussion in extension work (4.5 marks).
5.
  - (a) List and discuss four (4) essential elements that must be present for proper communication to exist in extension (8 marks).
  - (b) When does communication gap exist in extension work? (2 marks).
  - (c) Explain the concepts of Homophily and Heterophily in extension communication (5 marks).