



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**FACULTY OF AGRICULTURAL SCIENCES**  
**DEPARTMENT OF AGRICULTURAL ECONOMICS AND EXTENSION**  
**KM 4, KADUNA ZARIA ROAD, KADUNA**  
**POP EXAMINATION QUESTION 2021**

Course: ARD302: Extension Teaching, Learning Processing and Methods  
Credit Unit: 3  
Level: 300  
Time Allowed: 3 hours  
Instructions: Answer any four (4) questions. All questions carry equal marks.

1.
  - (a) Expatriate on the concept of good extension teaching (2.5 marks).
  - (b) Succinctly discuss any five procedures that need to be considered when carrying out effective extension work with special reference to good extension teaching (7.5 marks).
  - (c) Succinctly explain any five characteristics of extension teaching which needs to be understood by the extension instructor that could help in assisting the clientele to gain an understanding of the concept he is trying to sell to them (7.5 marks).
  
2.
  - (a) Describe the term 'learning situation in extension' (2 marks)
  - (b) Learning and learning experience in agricultural extension are usually considered as different concepts. Explain (4 marks).
  - (c) Itemise any 4 different ways through which learning can be achieved in agricultural extension (4marks).
  - (d) Explain in detail 5 logical steps in extension teaching through which desirable changes can be achieved in human behavior (7.5 marks).
  
3.
  - (a) Identify and discuss any 5 major factors that could influencing farmers' motivation in agricultural extension (10marks).
  - (b) List and discuss 3 basic conditions that are necessary for effective utilization of instructional methods in extension (7.5 marks).
  
4.
  - (a) Explain what you understand as Farm and Home visits in agricultural extension (5marks).
  - (b) Advance any 5 advantages of farm and home visits in agricultural extension (5marks).
  - (c) Explain the concept of group discussion in extension work (5 marks).

- (d) Explain the meaning of extension instructional methods? (2.5 marks).
5. (a) Expatiate on any 4 essential elements that must be present to guarantee proper communication in extension (8 marks).
- (b) Explain your understanding on intra-personal communication. (2 marks).
- (c) Write short notes on any three (3) of the followings:
- i. Incidental learning
  - ii. Extrinsic motivation
  - iii. Feedback
  - iv. Agricultural Show.

