



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF AGRICULTURAL ECONOMICS AND EXTENSION
KM 4, KADUNA ZARIA ROAD, KADUNA
POP EXAMINATION 2021 12345

Course: AEM302: Extension Teaching, Learning Processing and Methods
Credit Unit: 3
Level: 300
Time Allowed: 3hrs
Instructions: Answer any four (4) questions. All questions carry equal marks.

1.
 - a) Extension principles are fundamental guides which differentiate extension from non - extension work. Outline and discuss six (6) principles guiding effective extension teaching (12marks).
 - b) Outline two (2) merits and (3) demerits of extension teaching (5.5 marks)

2.
 - a) Some factors are related to the characteristics of the learning process or of the external situation in which learning takes place. List and discuss five (5) factors affecting learning in agricultural extension (12.5 marks).
 - b) Mention 3 factors motivating extension workers in extension organization with special reference to feeling of belongingness to the extension organization and love to the profession (1.5 marks).
 - c) Explain the concept of communication in Agricultural extension (3.5marks).

Total = 12.5 + 1.5 + 3.5 = 17.5 marks

3.
 - a) Identify and explain three (3) fundamental conditions for effective utilization of teaching methods in extension (7.5 marks).
 - b) Mention five (5) Group contacts based on extension methods of classification (2.5marks).

- c. Briefly discuss the term message in communication process (2.5 marks).
 - d. In agricultural extension work, any message sent to the farmers must possess certain characteristics. Outline five (5) characteristics of the message in extension (5marks)
- 4 a) Identify and discuss five (5) steps in communication process in extension according to Kelsey and Hearne (1995) (10 marks).
- b). Describe five (5) characteristics that are common to all good instructional materials in extension (7.5 marks).
- 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 utilization of instructional materials in agricultural extension (10 marks).
- b) Write short notes on any three (3) of the following:
- i. Mutual discussion
 - ii. Representational visual aids
 - iii. Newspapers
 - iv. Receiver as an element of communication