



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, Nnamdi Azikwe Express Way, Jabi, Abuja
Faculty of Agricultural Sciences

June/July 2017 Examination

Programme: Agricultural Extension and Management

Course Code AEM302: Extension Teaching, Learning process and methods.

Credit Unit: 3

Time Allowed: 2 hours 30 minutes.

Level: 300level

Instructions: Answer any five questions. All questions carry equal marks.

1.
 - (a) What do you understand by extension teaching? (5 marks)
 - (b) There are several steps in extension teaching. Enumerate 5 logical steps appropriate in extension teaching. (5 marks)
 - (c) Discuss the above logical steps with clear examples. (10 marks)
2.
 - (a) Expatiate the term learning in extension. (5 marks).
 - (b) There are various approaches to learning in extension . Discuss two major types of learning in extension. (5 marks)
 - (c) Individualized instructional method plays significant role in extension education. Explain five ways by which learning takes place in individuals in extension. (10mrks)
3. There are several factors affecting motivation in extension. Enumerates five major factors and discuss four of them.(20 marks)
4.
 - (a) Explain the concept of Extension teaching methods 6mrks)
 - (b) Identify four major factors necessary for effective utilization of instructional methods in extension. (2mrks)
 - (c) Describe the four factors with special reference to instructional approaches in extension. (12mrks)
5.
 - (a) There are various methods of extension classification. State four methods each under individual, group and mass media classification in extension. (6mrks)
 - (b) Discuss three advantages and disadvantages of farm and Home visit in extension. (14mrks)
6.
 - (a) What do you understand by communication in agricultural extension? (2mrks)
 - (b) Identify six essential elements of communication process in extension. (3mrks)
 - (c) Describe five of the above major elements with clear examples. (15mrks)
7. Write short notes on any four of the following:
 - (i) Method demonstration;
 - (ii) Exhibits;
 - (iii) Innovations;
 - (iv) EARLY ADOPTERS;
 - (v) Problems of Agricultural developments. (5marks each x 4 = 20 marks)