



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION

AEM302: Extension Teaching, Learning process and methods.
Time Allowed 3hrs

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

1. (a) Define extension teaching. (5 marks)
(b) Identify 5 logical steps in extension teaching. (5 marks)
(c) Explain the above steps (10 marks)
2. (a) Define the term learning. (5 marks).
(b) Discuss two types of learning. (5 marks)
(c) Explain five ways by which learning takes place in individuals in extension. (10mrks)
3. List five factors affecting motivation in extension and explain four of them.(20 marks)
4. (a) What do you understand by Extension teaching methods? 6mrks)
(b) List four conditions necessary for effective use of teaching methods. (2mrks)
(c) Describe the four conditions. (12mrks)
5. (a) List four methods each under individual, group and mass media classification. (6mrks)
(b) Mention three advantages and disadvantages of farm and Home visit in extension. (14mrks)

6. (a) Define communication in agricultural extension. (2mrks)
(b) List six essential elements of communication process.
(3mrks)
(c) Describe five of the above elements (15mrks)
7. Write short note on any four of the following;
 - (i) Factor affecting the communication process
 - (ii) Steps in the communication process
 - (iii) Audio-visual AIDS
 - (iv) EXHIBITS
 - (v) Motivating extension workers.