NATIONAL OPEN UNIVESITY OF NIGERIA

**FACULTY OF AGRICULTURAL SCIENCES**

**SECOND SEMESTER EXAMINATION, NOVEMBER/DECEMBER, 2018.**

Course: AEM302: Extension Teaching, Learning Process and Methods.

Level: 300 Level Time Allowed: 3 hours.

**INSTRUCTIONS**: Answer question one (1) which is compulsory. Attempt any four questions which carry equal marks.

1. (a) Describe the concept of good extension teaching (2 marks).

(b) Itemize and discuss five principles of extension teaching (7.5 marks).

(c) There are several logical steps in teaching. Identify and discuss five steps to be followed in extension instructional approaches. (12.5 marks).

(d) What do you understand by transfer of learning in extension? (3marks).

(e) Enumerate and discuss three essential parameters in adult learning (5 marks).

2. (a) Learning is not a “filling up” process in agricultural extension.What do you understand by the term learning in extension? (2 marks).

(b) There are several strategies by which learning takes place in individuals. Identify six key strategies by which we learn in extension and discuss five of them with special reference to significant role in extension education (8 marks).

3. Identify and expatpiate five major principles of learning in extension (10 marks).

4. (a) Enumerate five (5) considerable factors in motivating extension workers (2.5 Marks)

(b) What do you understand by extension teaching methods? (2 marks).

(c) Itemize four (4) conditions necessary for effective utilization of instructional methods in extension and discuss three of them (5.5marks).

5. (a) Discuss the concept of result demonstration in extension (2.5 marks)

(b) Explain mass media methods and list three (3) methods under mass media classification (4 marks).

(c) Expatiate on any one method above in b (3.5 marks).

6. (a) What do you understand by communication in agricultural extension ? (3 marks)

(b) Identify six essential elements in communication process in extension (3 marks).

(c) Discuss two (2) of the above elements in b (4 marks).

7. Write short notes on any four (4) of the followings:

i. Exhibits

ii. Conducted Tours

iii. Feed back

iv. Message production skills in communication

v. Homophilly

vi. Specimens and objects.

\* Any 4 clearly discuss with examples 2.5 marks each x 4 = 10 marks.