NATIONAL OPEN UNIVESITY OF NIGERIA

**FACULTY OF AGRICULTURAL SCIENCES**

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

Course: AEM701: Agricultural Extension Education.

Credit Unit: 2 Time Allowed: 2½ hours.

**INSTRUCTIONS**: Answer question one (1) which is compulsory. Attempt any three (3) questions which carry equal marks.

1. (a) Agricultural extension and hospitality extension play significant role in agricultural development. Expatiate on agricultural extension education and hospitality extension as related concept (5 marks)

(b) Discuss the differences between Agricultural Extension Delivery system and Agricultural Extension Acquisition system (5 marks)

(c) Philosophy is a body of principles governing human operations. Describe the philosophy of extension with special reference to understanding of concepts which individual extension workers hold about rural clientele and discuss three basic factors of extension philosophy (5 marks)

(d) Itemize five principles of Agricultural Extension pointing out their implications and applications for effective extension work (5 marks)

(e) For extension to be strictly professional depends on several indices. Itemize and discuss three functions of Agricultural Extension agent in developing economy (5 marks)

2. (a) Extension project is an essential factor in agriculture. Identify six stages in which an extension project could be considered to be effective (3 marks)

(b) There are several processes of program me planning in extension. Itemize and discuss six systematic processes of planning hospitality program me at the regional level (12 marks)

3. (a) Several extension models have been utilized by development interventionists throughout the World. Identify 5 models that have been used to pursue extension works (5 marks)

(b) Expatiate on the concept of training and visit system in extension (2 marks)

(c) Describe five key features of T & V system (5marks).

(d) Discuss three demerits of introducing T & V extension system in your country (3 marks).

4. (a) Discuss group methods of extension and itemize three merits and demerits of the method (8 marks)

(b) Explain the concept of extension aids (2 marks)

(c) Discuss five significance of audio visual materials to learning (5 marks)

5. (a) Discuss the concept of extension campaign (5 marks)

 (b) Identify five essential principles/elements of extension campaign (5 marks)

(c) Discuss the term extension program me and expatiate on three functions of it (5 marks)

6. Write short notes on any five of the followings:

i. Innovations

iii. Program me objectives

iv. Specialists and Generalists

v. Plan of work

v Radio as a mass communication technique

vii. Audio – visual aids

\*Clear description of any 5 with examples = 3 marks each x 5 = 15 marks