



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
SEPTEMBER 2020_1 EXAMINATION**

Course Title: Introduction to Agricultural Extension and Rural Sociology

Course Code: AEM 301

Credit Unit: 2

Total Score: 70 Marks

Time Allowed: 2 Hours

INSTRUCTION: Answer Compulsory question 1 (25 marks) and any 3 questions (15 marks each).

1a. Explain what you understand by the following categories of individual extension teaching methods:

- i. Office calls,
- ii. Telephone calls,
- iii. Personal letters,
- iv. Informal contacts (10marks)

b. (i). Define Agricultural Extension according to Adedoyin, (2004). (3 marks)

(ii). When was Extension Education first introduced by Cambridge University in England? (2marks)

c. (i). Highlight the three (3) basic tasks of Agricultural Extension. (6 marks)

(ii). State the four elements common to modern agricultural extension programs according to Obinne (1997). (4marks)

2. Highlight at least fifteen (15) agricultural extension principles. (15marks)

3a. What do you understand by result demonstration? (5marks)

b. State at least six (6) advantages of result demonstration. (6marks)

c. Highlight any four (4) Limitations of result demonstration. (4marks)

4. List and explain at least six (6) forms of conflict accommodation that commonly exist in your locality. (15marks)

5. Explain at least six (6) characteristics of rural dwellers that differ from their urban counterparts. (15marks)

6a. What is technological change? (2.5marks)

b. Explain Technological changes that have taken place in the physical, biological and chemical dimensions of agriculture. (7.5marks)

c. State any five (5) reasons why the use of tractor and its attachments such as trailers for haulage of farm produce and inputs, ploughs, harrows and ridges, is more popular in the developed than less developed countries of the world. (5marks).