



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**University Village, Nnamdi Azikwe Express Way, Plot 91, Cadastral**  
**Zone, Jabi,**  
**Jabi, Abuja**  
**Faculty of Agricultural Sciences**

**FIRST SEMESTER EXAMINATION: June/July**

**Programme: Agricultural Extension and Management**

**Course Code: AEM701**

**Course Title: Agricultural Extension Education**

**Level: PGD**

**Credit Unit: 2**

**Time Allowed 2 hours**

**Instructions: Answer any four questions. All questions carry equal marks.**

1. (a) What do you understand by Agricultural extension education and hospitality extension? ( 5mrks)  
(b) There are several processes of programme planning in extension. Enumerate and discuss eight systematic processes of planning hospitality programme at the regional level. (20mrks).
2. (a) Enumerate and describe five (5) contemporary challenges of Agricultural extension in Nigeria. (15mmrks)  
(b) What are the plausible solutions to these predicaments? (10mrks)
3. (a) Agricultural extension has various principles. State and explain five (5) principles of agricultural extension, point out their implications and applications for effective extension work. (15mrks)  
(b) Discuss five responsibilities of Agricultural extension agents. (10mrks)
4. (a) Describe the concept of Need in extension education. (5mrks)  
(b) Need assessment has several procedures in extension. State and explain six procedures for conducting need assessment in extension education. (20mrks)
5. (a) What do you understand by programme in extension? (5mrks)  
(15mrks)  
(c) Evaluation plays major significance roles in extension process. Discuss five of them. (5mrks)

6. (a) Identify five agricultural extension approaches that are considered relevant to Nigeria situation. (5mrks)
- (b) Discuss the concept of training and visit system in extension. (2mrks)
- (c) Identify five basic features of the T & V System. (5mrks)
- (d) Discuss individualized instructional methods of extension and mention four advantages and demerits of the method. (13smrks)