



**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: AEM508**

**Course Title: Technological and Social Change in Agriculture**

**Credit Unit: 2**

**Total Score: 100 Marks**

**Time Allowed:**

**2 Hours**

**Instruction: Answer any four (4) Questions, All Questions carry  
equal marks**

1. In recent times, the paradigm of development widely favoured by development theorists has shifted from the modernisation approach to farmer-centered strategies. Explain this statement by highlighting the meaning and type of agricultural technology being used by rural farmers in Nigeria **(25 Marks)**
2. Highlight the influence of indigenous technology on a rural social system in Nigeria and explain the consequences of indigenous beliefs on cultivation, pest control, harvest and storage of produce **(25 Marks)**
3. The application of technology is visible in all spheres of life and it transcends all human endeavours. Explain this statement with a view to changes in rural transportation and communication in Nigeria today. **(25 Marks)**
4. The theories about social change have been generally concerned with a number of things which aim at explaining certain concepts. Discuss this

statement by writing short notes on sources and time-span of change in rural areas of Nigeria **(25 Marks)**

5. Explain the significance of improved technology to Nigerian agricultural development and state the implications of technology change on the local indigenous practices of Nigeria farmers **(25 Marks)**
6. The purpose of extension is to aid the spread of useful and practical information to the farmers and their families on subjects relating to agriculture. Explain this statement in terms of concept and goal of extension education **(25 Marks)**