



NATIONAL OPEN UNIVERSITY OF NIGERIA

University Village, Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi, Abuja
Faculty of Agricultural Sciences, Dept. of Agricultural Economics and Extension,
PoP Examination Questions, 2021 Academic Session

Course Title: Technological and Social Change in Agriculture

Course Code: AEM508

Credit Unit: 2 Units

Total Score: 70 Marks

Time Allowed: 2 Hrs

INSTRUCTION: Answer Three Questions.

QUESTION ONE

- a. Concisely explain the concept of indigenous technology and the factors needed to be taking into consideration in the course of developing technology (6 mks)
- b. Technology has brought about changes in different spheres of human endeavor. In this regard analyze as it were in the past, how technology has improved;
 - i. Housing (4 mks)
 - ii. Health (4 mks)
- c. Succinctly explain five (5) different ways social change which take place in our community can manifest as (10 mks)

QUESTION TWO

- a. Define the word "Stigma" (3 mks)
- b. Extensively explain the influence of technological change on agricultural productivity. (6 mks)
- c. Define Rural Development and explain the importance of rural development to the rural man (7 mks)
- d. Explain the place of research in an Agricultural Extension programme (7 mks)

QUESTION THREE

- a. The establishment of Agricultural Extension is to achieve certain objectives. Identify any four (4) of the objectives. (6 mks)
- b. According to Rick Maurer people resist change because of lack of information. As a Manager, suggest five (5) ways or best tactic on how to manage the change to make them to accept it. (10 mks)
- c. In one sentence in each case, List and explain four (4) major ethical issues associated with the use of technologies with various categories of people (7mks)

QUESTION FOUR

- a. State four (4) important principles of consideration in designing farm implements for agricultural mechanization in Nigeria (8 mks)

- b. The willingness of a farmer to accept or reject an innovation is dependent on the characteristics possessed by the innovation. Discuss any five (5) of these influencing characteristics **(10 mks)**
- c. Following three (3) process, describe how a change agent can reduce negative forces and get his innovation/change introduced to the people of a society. (5 mks)