



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 Exam Question October/November, 2019

Course Code: ---- AEM 508

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

Credit Unit: ---- 2 Units

Total Score: ----70 Marks

Time Allowed: 2 Hrs

Instruction: Answer compulsory question 1 (25 mks) and any three (3) questions (15 mks each)

Question One

- Distinguish between Technology and Technology Transfer (9 marks)
- What is indigenous technology? Give two (2) examples of tools identified as indigenous technology used in our farms (6 marks)
- Discuss three (3) sources of social change (6 marks)
- Identify four (4) roles of Extension in Agricultural Development (4 marks)

Question Two

- Discuss four (4) different forms in which social change can manifest (6 marks)
- Briefly discuss the following nature of social change:
 - Planned and Unplanned change (3 marks)
 - Segmental and total change (3 marks)
 - Immanent and contact change (3 marks)

Question Three

- Define the term “Agricultural Extension” (4 marks)
- Mention four objectives of extension education (5 marks)
- Mention only six (6) principles of agricultural extension (6 marks)

Question Four

- Define Rural Development (4 marks)
- What is Time-Span of change? (6 marks)
- List five (5) different areas of life modern technology has helped to change indigenous technology (5 marks)

Question Five

- Write short notes on:
 - Surfacing Resistance (3 marks)
 - Inexplicable Resistance (4 marks)
- State two (2) tactics that could be used to manage innovation or introduced change (4 marks)
- List the two (2) major sources of change. Also give Two (2) examples in each case (4 marks)

Question Six

- Define the word “Stigma” and two of its causes (4 marks)
- Expatiate on four (4) characteristics of Innovation (6 marks)
- Highlight five (5) functions of Extension Agents in Technology Transfer (5 marks)