



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,
September 2020_1 POP Examination Questions

Course Title: TECHNOLOGICAL AND SOCIAL CHANGE

Course Code: AEM508

Credit Unit: 2

Total Score: 70 Marks

Time Allowed: 2 Hours

INSTRUCTION:

Answer compulsory question 1 (25 marks) and any other 3 questions (15 marks each).

QUESTION ONE

- a. i. What is Indigenous Technology? (3 marks)
- ii. Mention any SIX types of Indigenous Technology that has taken place in our farming process (3marks)
- b. Distinguish between surface resistance and inexplicable resistance. (5 marks)
- c. Social change can manifest in various forms in the society. Analyze FOUR of the different forms (6 marks)
- d. Briefly explain TWO ways agricultural extension facilitates technological/agricultural development. (4 marks)
- e. What is Rural Development? (4 marks)

QUESTION TWO

- a. State TWO disadvantages of Indigenous Technology. (3 marks)
- b. The use of Indigenous Technology generates some positive impacts which cannot be Overemphasized. Explain any TWO of these positive impacts. (4 marks)
- c. Enumerate THREE important Principles that could guide the design of farm implements for agricultural mechanization. (3 marks)
- d. Briefly State FIVE rules that may effectively guide technology transfer. (5 marks)

QUESTION THREE

- a. In brief, write the indigenous means and the modern means of transportation. (4 marks)
- b. Briefly express FOUR characteristics of any society. (6 marks)
- c. Highlight FIVE Principles of Technological Change Management. (5 marks)

QUESTION FOUR

- a. Social change can take any nature. Using your understanding, distinguish between planned and unplanned change. (4 marks)
- b. Expatiate FOUR factors that affect the transfer of technology. (6 marks)
- c. List the THREE and explain TWO sequence of steps of how to overcome the negative forces in introducing change. (5 marks)

QUESTION FIVE

- a. Succinctly explain FOUR different ways social change can come to a particular social system. (8 marks)
- b. What is Transfer of Technology (3 marks)
- c. Suggest TWO basic reasons why technology generated in one society would fail to function in another society when it is transferred. (4 marks)

QUESTION SIX

- a. Identify SIX and Discuss any FOUR roles of Agricultural Extension to Agricultural Development (9 marks)
- b. Mention FOUR major principles which apply to health ethics needed to be upheld in order to meet up with the techniques of Technology Transfer (2 marks)
- c. What is Agricultural Engineering (4 marks)