



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: ARD 508

Credit Unit: 2 Units

Total Score: 70 Marks

INSTRUCTION: Answer 3 Questions Only

QUESTION ONE

- Taking India as a case study, the farms are small holdings, the farmers are averagely poor and the drought cattle are also small and ill fed, what lessons should Nigerians learn from this? (8 Marks).
- What influence do technology has on social system? (8 Marks)
- Change is said to be inevitable. Discuss any three (3) sources of social change (6 Mks).
- Sustainability is not only limited to the concept of habitat destruction and soil erosion. Explain other two (2) areas it covers (2 Marks).

QUESTION TWO

- What are the possible communication channels in community information and communication programme? (3 Marks)
- Mention and discuss three (3) anti-resistance tactics for the innovation champion (6 Marks)
- When individuals or communities decide where to go for services or technology, what are the factors that they will take into consideration? (6 Marks)
- Explain briefly the two (2) aspects of challenging ethical issues of intended beneficiaries of technology that relates to the moral principle of respect for autonomy as posited by Beauchamp and Childress (3 Marks).
- There are different forms of social change, among them, explain political and technological change (5 Marks).

QUESTION THREE

- Explain technology transfer as offered by Robert Krull (1990)
- When can we refer to a technology as being indigenous? Support this with an example (6 Marks)
- There are desirable and undesirable influence of technological changes in Nigerian agricultural development, in this regards discuss the two (2) major undesirable influence of technological changes. (6 Marks)
- In technology transfer, with an example in each case, explain acquiescence and recency as response biases (6 Marks).
- Explain briefly with an example the indigenous way of pest control (3 Marks)

QUESTION FOUR

- a. The four (4) ways that extension agents can perform staff programme in technology transfer include: (2 mks)
- b. Discuss the elements that effective learning situation requires (5 Marks)
- c. Extension experts have some goals in mind when embarking on extension work, briefly explain four (4) of these goals. (4 Marks).
- d. Explain four (4) processes where stigma arises as a product of social processes (6 Marks).
- e. There are indigenous beliefs in farming communities, briefly explain three (3) beliefs on cultivation and harvest periods? (6 Marks)