



COLLEGE OF AGRICULTURE, FISHERIES & FORESTRY

SCHOOL OF AGRICULTURAL SCIENCE

DEPARTMENT OF CROP PRODUCTION

FINAL EXAMINATION TRIMESTER 2, 2017

TRADE DIPLOMA IN AGRICULTURE YEAR 2

AEX 504 TITLES: AGRICULTURAL EXTENSION II [TOTAL MARKS: 100]

Time Allowed : 3 hours plus 10 minutes reading time

Instructions: This paper consists of 4 pages. Please check to see that your paper is complete.

Answer ALL questions in the answer booklet. Number your answers correctly in the answer booklet.

Write your student ID number on all the pages that you use including any additional sheet of paper.

Printed or written material is not allowed into the examination hall. Mark values appear at the end of each question or part thereof.

“MOBILE PHONES ARE STRICTLY NOT ALLOWED”

SECTION	DESCRIPTION	Marks
SECTION A	Part 1 - 5 Multiple Choice Questions	10
	Part 2 – fill in the blanks	10
	Part 3 – True or False	10
SECTION B	Short Answer Questions	40
SECTION C	Essay Question	30

1. It includes small manufacturing enterprises and small traders and service providers, legal and illegal activities and is known as
 - A. Formal sector
 - B. Agricultural sector
 - C. Informal sector
 - D. Extension sector
2. It is an approach to develop farm household systems and rural communities on a sustainable basis.
 - A. Farming system development approach
 - B. Top to bottom approach
 - C. General approach
 - D. Commodity approach
3. This term means an area which is characterized by non-urban style of life, occupational structure, social organization and settlement pattern
 - A. Urban
 - B. Peri urban
 - C. Rural
 - D. City
4. The public opinion and the participation of various social and economic groups in the debate about development priorities is probably one of the most important dimensions of rural change and is known as
 - A. Political Dimension
 - B. Economic dimension
 - C. Science and technology
 - D. None above
5. Due to the number of increasing population, it has become a necessity to improve on production which will lead to
 - A. Food Security
 - B. Diversification
 - C. Increasing production
 - D. None of the above

Section: A Part II Fill in the blanks 10 marks

Fill in the blanks to complete the following statements. Write your answers in the answer booklet.

1. The _____ includes the educational level of the population, their cultural identity and their social structure.
2. _____ means the provision of resources towards agricultural producers that may help improve on crop and animal production
3. The farmer has to invest in the farm, which can be used to increase the amount of inputs into the farm and is known as _____.
4. This approach considers the needs of the farmers and extension or research then base their information on the needs of the farmers. _____
5. There are no representations of _____ that will indicate that the particular representation is suitable for all conditions.
6. A change agent is an _____ whose main role is to help people form their own organizations in order to be able to tackle their problems.
7. _____ involves the rules and regulations that change agents need to adhere to when implementing changes. Such as the government laws and administrative laws.
8. _____ involves the practical knowledge or skills that an extension worker needs to have in order for him to complete his work.
9. _____ skills this involves the necessary planning and implementing skills needed for an extension worker in order carry out programs.
10. Extension worker act as _____ between the people and the government.

Section: A Part III True or False 10 Marks

In the Answer booklet provided write "TRUE or FALSE"

1. To develop broad based community participation in the process of development is a known positive influence of rural development.
2. Agricultural diversification means the change from planting/dominance of two crops to planting of several other crops.
3. The farmers' decisions are based upon a range of social, economic, infrastructural and Physical factors.
4. In the long run, rural development is only possible, if it does not waste essential nature resources.
5. In view of the systems and process it could be concluded that Agriculture is not only scientific but very systematic in trying not to meet the continuous changing needs of farmers.
6. The absence of accounts and the non-payment of all or some taxation are characteristics of non-formal sector.
7. Topography affects agriculture as it relates to soil erosion, difficulty of tillage and poor transportation facilities.
8. Communication skills are needed in all aspects of extension process so necessary changes could

take place.

9. The extension workers roles and relations with the farmers are of no vital aspect.
10. Extension worker plans for long term developments of his area and not becomes a person who seeks results only.

Section: B Short Answer Questions **40 Marks**

1. Classify and discuss the extension methods according to its form and use. (6 Marks)
2. Discuss on two factors that needs to be considered when communicating through written form. (4 Marks)
3. Explain on two things that can be considered as soft skill of an individual. (4 Marks)
4. Relate and explain two of the positive effects of rural development? (4 Marks)
5. Relate and explain two of the negative effect of rural development? (4 Marks)
6. Specify and explain at least 4 dimensions of rural developments. (8 Marks)
7. Relate diversification as an importance to agricultural development. (2 Marks)
8. Demonstrate two ways in which diversification can be facilitated. (2 Marks)
9. Distinguish and explain the four factors affecting agricultural development. (4 Marks)
10. Discuss on two limitation of informal sector. (2 Marks)

Section: C Long Answer essay Questions **30 Marks**

Answer both essay questions as each essay is worth 15 marks

1. Extension education is one of the most vital disciplines in rural development. This effort is carried out through people known as agents of change (extension workers). Illustrate on the attributes of an extension worker and the recommended skills desired for an effective personnel in rural development. (15 Marks)
2. Three are three types of communication involved during the process of exchanging ideas. List and discuss the three types of communication in extension teaching with the use of examples. Also discuss the barriers involved in communication. (15 marks)

THE END