



**COLLEGE OF AGRICULTURE, FISHERIES & FORESTRY**  
**SCHOOL OF AGRICULTURAL SCIENCE**  
**DEPARTMENT OF CROP PRODUCTION**  
**FINAL EXAMINATION TRIMESTER 2, 2017**  
**TRADE DIPLOMA ANIMAL HUSBANDRY**  
**AEX 500 LIVESTOCK EXTENSION AND RURAL DEVELOPMENT**  
**[Total Marks: 100]**

Time Allowed : 3 hours plus 10 minutes reading time

Instructions: This paper consists of 5 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”**

| <b>SECTION</b>   | <b>DESCRIPTION</b>                 | <b>Marks</b> |
|------------------|------------------------------------|--------------|
| <b>SECTION A</b> | Part 1 - Multiple Choice Questions | 10           |
|                  | Part 2 – True or False             | 10           |
|                  | Part 3 – Fill in the Blanks        | 10           |
| <b>SECTION B</b> | Short Answer Questions             | 40           |
| <b>SECTION C</b> | Essay Question                     | 30           |

1. It is the process by which a person becomes changed in his behavior through self-activity.
  - A. learning
  - B. Education
  - C. Experience
  - D. Teaching
2. They are also known as change agents.
  - A. Teachers
  - B. Educators
  - C. Provider
  - D. Extension agent
3. It is a system where by quality and economic wellbeing of rural life is improved.
  - A. Education
  - B. Extension work
  - C. Rural development
  - D. Teaching and learning
4. It is the coordination of environment in which all the elements necessary for promoting learning are present
  - A. Teaching
  - B. Education
  - C. Learning
  - D. Extension
5. This is whereby adults are taught and is also known as a continuous form of education.
  - A. Adult education
  - B. Extension education
  - C. Formal education
  - D. College education

6. The most important role for an extension worker before he/she may pass information for improvement is to
  - A. Attain attention
  - B. Arose interest
  - C. Take action
  - D. Be satisfied
7. This is established are usually intended for development of local area and their occupants.
  - A. Extension education
  - B. Extension service
  - C. Extension programme
  - D. Education
8. These types of education involve everyday experience learning.
  - A. Formal
  - B. Informal
  - C. Non-formal
  - D. Extension education
9. This is normally the type of education that is intended for the rural people for development and improvement on their rural lives.
  - A. Extension education
  - B. Informal
  - C. Formal
  - D. Education
10. They are vital elements in extension work.
  - A. Educators
  - B. Facilitators
  - C. Extension agents
  - D. Teachers

**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 \_\_\_\_\_ is concerned with continuing farmer's interest in the idea or better practice until interest becomes a motivating force.
2. In this type of education, the initial members for education are the farmers or the villagers. \_\_\_\_\_
3. \_\_\_\_\_ is the process of bringing desirable changes into the behaviour of human beings.
4. This type of education is a lifelong process of learning. \_\_\_\_\_
5. \_\_\_\_\_ as an applied science consisting of content derived from research, accumulated field experience and relevant principles.
6. \_\_\_\_\_ is whereby adults are taught and is also known as a continuous form of education.
7. Upon seeking the attention of the audience the information provider can portray the vital essentials to \_\_\_\_\_ in further consideration of the idea.
8. There are different ways in which adults can be educated and this known as \_\_\_\_\_ of education.
9. \_\_\_\_\_ act as link between the people and the government.
10. \_\_\_\_\_ involves the practical knowledge or skills that an extension worker needs to have in order for him to complete his work.

**Section: A      Part III      True or False      10 Marks**

**Write either "True" or "False" in the answer script.**

1. One of the principle of teaching indicated that the method of instruction should be varied and inappropriate.
2. Learning is something that takes place within the learner.
3. One of the reasons behind extension education is to provide useless information to farmers that may help them to improve on their farms.
4. There is no need for increasing efficiency in order for our nation to become self-sufficient and move towards food security.
5. The older you get the way of understanding and learning of an individual does not change.
6. Communication skills are needed in no aspects of extension process so necessary changes could take place.
7. The physical condition should be favorable and appropriate to the learning situation.
8. Adult education helps in improving employment and generates income.
9. Our country is mostly economically based on farming itself. In other words most of our income is not derived through agricultural production.

10. Through extension development of roads also takes place so that the rural areas could have better accesses to urban areas.

**Section B                      Short Answer Questions                      40 Marks**

**Answer all questions as all are compulsory.**

1. Specify and discuss on two importances of social groups in livestock extension. (4 marks)
2. Specify and discuss a gender related issue in livestock development. (2 Marks)
3. State two importance of use of audio visual aids in extension work. (2 Marks)
4. Discuss extension communication techniques according to their use and according to their forms. (6 Marks)
5. Explain as to what is understood by barriers in communication and specify three barriers of communication with appropriate explanations, (4 marks)
6. Distinguish and discuss between the two types of barrier in adult education. (4 Marks)
7. Explain on two ways to overcome the barriers in adult education. (4 marks)
8. Discuss on the five principle involved in adult education. ( 5 Marks)
9. Analyze three importance of adult education. ( 6 marks)
10. Specify and criticize at least three roles of extension in rural development. (3 Marks)

**Section: C   Long Answers   Essay Questions   30 Marks**

**Answer both questions as both are compulsory.**

1. Communication is a vital aspect in extension work without communication, changes cannot be implemented. Communication in any form is needed for all daily activities. Discuss the elements involved in the communication process. (15 Marks)
2. Programme planning is an essential role of an extension worker. There are key aspects of the programme that needs to be considered in duration of development of the programmes. Explain the components that need to be considered for programme development. (15 Marks)

**\*THE END\***

