



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION
EXTENSION WITH INFORMATION TECHNOLOGY**

MAIN CAMPUS

**AED 101: FUNDAMENTALS OF AGRICULTURAL EDUCATION
AND EXTENSION**

Date: 18th January, 2016

Time: 8.30 - 10.30am

INSTRUCTIONS:

- Answer ALL Questions in Section A and any FOUR Questions in Section B.
- Marks for each question is indicated in brackets against each question.



SECTION A (30 Marks)

1. a) What is the “Philosophy of Agricultural Extension”? (2 Marks)
- b) For any rural development programme to be successful attention must be paid to all the necessary requirements. Explain the necessary stages in a rural development programme. (8 Marks)
2. a) What is Integrated Rural Development? (2 Marks)
- b) Differentiate between Agricultural Development and Rural Development. (4 Marks)
- c) What are the main activities that characterize Rural Development as a process? (4 Marks)
3. a) Why would an extension worker NOT choose to use the Radio as a communication device while passing important agricultural practices to his/her farmers? (4 Marks)
- b) What are the essential elements in a communication process (6 Marks)
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SECTION B (40 Marks)

1. a) Why do you think it is necessary to involve the Kenyan Youth in agriculture at the earliest time possible? **(2 Marks)**
b) Describe the major goals of the Kenya 4-K Clubs **(8 Marks)**
2. Agriculture is one of the sectors that greatly contribute to rural development in Kenya. Clearly describe the major factors that affect adoption of agricultural innovations to enable the sector improve. **(10 Marks)**
3. An agricultural extension officer has, at his/her disposal, several extension teaching methods that can be used to pass important information to farmers. Clearly describe the main groups that these methods can be classified into.
4. Developing countries have developed several strategies to bring lasting development to their rural areas. Describe the major strategies that Kenya can employ as a developing country to develop her rural areas. **(10 Marks)**
5. Any new technology or innovation does not get adopted at the same rate by all community members, and new practices do spread gradually among different families in a community. With the help of a well- labelled diagram, describe the characteristics of the main categories of innovators found in a community, that could be the main cause of this phenomenon. **(10 Marks)**