



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**FOURTH YEAR FIRST SEMESTER EXAMINATION FOR DEGREE
OF BACHELOR OF SCIENCE IN AGRICULTURAL
ECONOMICS/AGRIBUSINESS
MANAGEMENT/AGRONOMY/HORTICULTURE/SOIL
SCIENCE WITH INFORMATION TECHNOLOGY**

MAIN CAMPUS

AAG 401: AGRICULTURAL EXTENSION

Date: 6th December, 2016

Time: 8.30 - 11.30am

INSTRUCTIONS:

- Answer ALL Questions in Section A and any other TWO in Section B.
- Carefully read and follow the instructions contained in the answer booklets



SECTION A (Compulsory)

1. a) Illustrate the "Rostow's Stages of growth Theory" and provide a criticism. [5 marks]
b) Discuss the causes of growth and development. [5 marks]
2. a) Describe any three social and economic indicators of development. [5 marks]
b) Using relevant examples Differentiate between the following concepts: "Economic Growth" and "Economic Development". [5 marks]
3. a) Discuss the rationale of local participation in extension programme planning [5 marks]
b) Write short essay on "Change agent" as used in agricultural extension. [5 marks]
4. a) Discuss three reasons why extension programme should have a strong-in- built monitoring and evaluation component. [5 marks]
b) Explain the reasons "The progressive farmer" approach is commonly used by extension workers and its limitations. [5 marks]

SECTION B: Any Two Questions

5. a) Discuss the role of agriculture in rural development. [8 marks]
b) Many biases exist which tend to interfere with outsiders contact with rural poverty in general with deepest poverty in particular. Discuss the most outstanding sets of biases. [7 marks]
6. a) Identify and explain four reasons affecting effective performance of extension services in developing countries and Kenya particular. [8 marks]
b) Discuss the supportive requirements for effective performance of an extension service. [7 marks]
7. Communication is an integral component of extension service in relation to agricultural development. Discuss the directional considerations associated with communication process. [15 marks]
8. a) Describe the theory of diffusion in the adoption of agricultural innovations and give the factors that influence the rate and the ultimate percentage of farmers who adopt the innovation. [10 marks]
b) Discuss the possible causes of differential adoption of agricultural innovations [5 marks]
9. a) Describe the concept of 'feminization of agriculture' [5 marks]
b) With reference to Kenya, what is its effect on rural development? [10 marks]