

MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS**

**2016/2017 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER**

**SCHOOL OF BUSINESS AND ECONOMICS**

**BACHELOR OF SCIENCE AGRICULTURAL ECONOMICS**

**COURSE CODE: ARE 334**

**COURSE TITLE:** **AGRICULTURAL EXTENSION**

**DATE: 12TH JULY, 2017 TIME: 0830 – 1030HRS**

**INSTRUCTIONS TO CANDIDATES**

Answer Question **ONE** and any other **THREE** questions

*This paper consists of* ***TWO***  *printed pages. Please turn over.*

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**QUESTION ONE**

1. What is agricultural extension? **(2 marks)**
2. Briefly explain the purpose of agricultural extension in the Kenyan context **( 4 marks)**
3. Describe the scope and structure of agricultural extension service in Kenya, citing policy reforms undertaken, since inception to date in the process of its transformation. **( 8 marks)**
4. Discuss the role of agricultural extension education in national development with specific reference to the Kenyan economy. **(6 marks)**
5. Explain the role of local leaders and matter specialists in agricultural extension program planning, implementation and evaluation **(5 marks)**

**QUESTION TWO**

1. ‘Farmers are different in speed of learning and adopting new ideas and technologies’. Explain, giving characteristics of each of the four categories of farmers in the adoption and learning process in Kenya **(5 marks)**
2. Discuss ten (10) agricultural extension principles considered in developing an agricultural extension programme.  **(10 marks)**

**QUESTION THREE**

1. Define agricultural extension programme and explain four main elements constituting a complete programme. **(5 marks)**
2. Describe five distinct stages of agricultural extension programme planning. **( 10 marks)**

**QUESTION FOUR**

1. Explain five sources of agricultural extension service knowledge. **(5 marks)**
2. Discuss the roles of agricultural extension players in Kenya **(10 marks)**

**QUESTION FIVE**

1. Briefly explain three types of extension service practiced in Kenya. **( 5 marks)**
2. Discuss the main methods used in assessing social and economic impact of an agricultural extension programme, citing the description and strengths of each method. **(10 marks)**

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