



# **MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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## **University Examinations 2013/2014**

SECOND YEAR, SECOND SEMESTER EXAMINATION FOR DIPLOMA IN AGRICULTURE

### **AGR 0224 – PRINCIPLES OF AGRICULTURAL EXTENSION**

**DATE: DECEMBER 2013**

**TIME: 1  $\frac{1}{2}$  HOURS**

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**INSTRUCTIONS:** *Answer question **one** and any other **two** questions*

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#### **QUESTION ONE – 30 MARKS**

- (a) Define the term Agricultural Extension. (2Marks)
- (b) Give four guiding philosophies in Extension. (4Marks)
- (c) Differentiate between method demonstrations from result demonstration. (4Marks)
- (d) Explain five main functions of Agricultural Extension sector. (5Marks)
- (e) Explain the communication flow from the extension officer to the farmer in extension. (8Marks)
- (f) State four advantages of T and V approach in extension. (4Marks)
- (g) State three principles of monitoring and evaluation. (3marks)

#### **QUESTION TWO – 15 MARKS**

- (a) Explain the principles of Agricultural Extension. (8Marks)
- (b) Explain the factors you would consider when planning for a tour for the farmers. (7Marks)

#### **QUESTION THREE – 15 MARKS**

- (a) Discuss the farming systems research and extension (FSR&E) approach and site its basic activities. (15Marks)

**QUESTION FOUR – 15 MARKS**

- (a) Define extension programme (3Marks)
- (b) Explain the major steps followed when planning an extension programme. (12Marks)

**QUESTION FIVE – 15 MARKS**

Explain five approaches in Agricultural Extension. (15Marks)