



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2013/2014

SECOND YEAR, SECOND SEMESTER EXAMINATIONS FOR DIPLOMA IN  
AGRICULTURE

### AGR 0224: PRINCIPLES OF AGRICULTURAL EXTENSION

DATE: APRIL 2014

TIME: 1 ½ HOURS

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

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#### QUESTION ONE – (30 MARKS)

- (a) Explain the meaning of extension education. (3 Marks)
- (b) Identify any four principles under which extension education operates. (4 Marks)
- (c) List eight extension approaches that are commonly used in Kenya. (8 Marks)
- (d) What do you understand the term “communication process” to mean? (2 Marks)
- (e) Name the three categories that are used to group extension teaching methods. (3 Marks)
- (f) What are the objectives of extension programme planning? (4 Marks)
- (g) List and explain the two types of evaluation used in agricultural extension activities. (6 Marks)

#### QUESTION TWO – (15 MARKS)

- (a) An agricultural officer in Meru County wanted to carry out a monitoring and evaluation of an ongoing project. He consults you for technical advice on how to undertake the exercise. Explain to him the stages of undertaking the M & E. (12 Marks)
- (b) Explain the following terms as used in monitoring and evaluation.
  - i. Inputs
  - ii. Outputs
  - iii. Effects
  - iv. Impact (3 Marks)

**QUESTION THREE – (15 MARKS)**

- (a) Giving examples, categorize mass media method as used in extension education. (12 Marks)
- (b) A poster is an important channel used in extension education. Highlight the guidelines for making an effective poster. (3 Marks)

**QUESTION FOUR – (15 MARKS)**

Meru University of Science and Technology through the department of Agriculture plan to meet some farmers in the sub country to explain them on some emerging issued. You have been nominated to spearhead this important activity to its completion. State the steps you would undertake on the activity till the closure of the meeting. (15 Marks)

**QUESTION FIVE – (15 MARKS)**

Using appropriate examples, clearly explain the criteria for selecting extension methods. (15 Marks)