



MERU UNIVERSITY COLLEGE OF SCIENCE & TECHNOLOGY

P.O. Box 972-60200 Meru - Kenya. Tel: 020-2092048, 020 2069349
Fax: 020-8027449

University Examinations 2011/2012

SECOND YEAR, SECOND SEMESTER EXAMINATIONS FOR DIPLOMA IN
AGRICULTURE

AGR 0224: PRINCIPLES OF AGRICULTURAL EXTENSION

DATE: APRIL 2012

TIME: 1½ HOURS

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

QUESTION ONE (30 MARKS)

- Define the term agricultural extension (4 Marks)
- Discuss briefly on the history and origin of agricultural extension in East Africa (6 Marks)
- Explain the communication flow from the extension officer to the farmer in extension (8 Marks)
- Explain five of the main functions of agricultural extension sector (5 Marks)
- Differentiate between methods demonstration from result demonstration (4 Marks)
- Give three guiding philosophies in extension (3 Marks)

QUESTION TWO (15 MARKS)

- Explain the factors you would consider when planning for a tour for the farmers (6 Marks)
- Explain the principles of agricultural extension (6 Marks)
- Why was agricultural extension considered as “advisory work” (3 Marks)

QUESTION THREE (15 MARKS)

- Explain the importance of feedback response in agricultural extension communication (3 Marks)
- Discuss the commodity based development extension approach (8 Marks)
- Explain merits of home and visit extension method (4 Marks)

QUESTION FOUR (15 MARKS)

Discuss the farming systems research and extension (FS & E) approach and site its basic activities (15 Marks)

QUESTION FIVE (15 MARKS)

- a. Explain the circumstances under which mass contact extension methods are used in an extension programme (15 Marks)