



**MERU UNIVERSITY COLLEGE
OF SCIENCE & TECHNOLOGY**

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

University Examinations 2010/2011

SECOND YEAR, SECOND SEMESTER EXAMINATIONS FOR DIPLOMA IN
AGRICULTURAL EDUCATION AND EXTENSION

AGR 0224: AGRICULTURAL EXTENSION

DATE: APRIL 2011

TIME: 1½ HOURS

INSTRUCTIONS: *Answer Question one and any other Two questions*

QUESTION ONE – (30 MARKS)

- (a) Explain the following terms as its applies in extension:
 - (i) Voorlichting
 - (ii) Vulgarization
 - (iii) Participatory (6 Marks)
- (b) Describe the basic principles and philosophy that should guide the establishments of an agricultural extension service. (7 Marks)
- (c) Explain the stages of extension programmes planning and implementation (7 Marks)
- (d) Highlight the channels used in mass contact methods. (5 Marks)
- (e) Explain the reasons for making farm visit extension work. (5 Marks)

QUESTION TWO – (15 MARKS)

- (a) Explain the factors considered when selecting a contact farmer. (5 Marks)
- (b) Describe the procedure for organizing tours and field trips in extension. (5 Marks)
- (c) Explain the advantages of giving demonstration. (5 Marks)

QUESTION THREE – (15 MARKS)

- (a) What factors determines the choice of an extension teaching method. (5 Marks)
- (b) Why is it necessary to educate farmers on the use of new and improved agricultural practices? (5 Marks)
- (c) Outline the function and the role of agricultural extension officer in rural development. (5 Marks)

QUESTION FOUR – (15 MARKS)

- (a) Explain the preparation procedures for demonstrations. (4 Marks)
- (b) Describe three extension approaches. In each case give the objectives and advantages. (9 Marks)
- (c) Explain four (4) techniques used in indentifying the needs for farmers in rural areas. (2 Marks)

QUESTION FIVE – (15 MARKS)

- (a) Highlight role and duties of an extension worker in the rural area. (10 Marks)
- (b) Differentiate between result and method demonstration. (5 Marks)