



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examinations 2015/2016

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

FIRST SEMESTER EXAMINATION FOR DIPLOMA IN AGRICULTURAL
EDUCATION AND EXTENSION

KEE 0101: PRINCIPLES OF AGRICULTURAL EXTENSION

Date: 18/4/2016

Time: 11:00 – 1:00 PM

INSTRUCTIONS

This paper consists of FIVE questions

Answer question one and other two questions in this paper

SECTION A: 30 MARKS

QUESTION ONE

- a) Define the following terminologies
- Agricultural Extension
 - Participatory Extension
 - Extension System
 - Agricultural Extension Philosophy (4 marks)
- b) i. Explain the five (5) importance of agricultural extension (10 marks)
- ii. Explain the three (3) basic tasks of agricultural extension (6 marks)
- c) Differentiate between Result and Method Demonstration (4 marks)
- d) Describe three (3) challenges facing agricultural extension in Kenya Today (6 marks)

SECTION B: 40 MARKS

QUESTION TWO

Describe five (5) principles of extension giving a practical example in each case. (20 marks)

QUESTION THREE

- a) Differentiate between Extension Approach and Extension Method (4 marks)
- b) Discuss four (4) Approaches used in Extension (16 marks)

QUESTION FOUR

- a) Explain the four (4) key factors of success in knowledge and technology transfer. (8 marks)
- b) Describe four (4) strategies under the new diversified and institutional reformed agricultural extension system. (12 marks)

QUESTION FIVE

- a) Explain the major classification of extension methods (6 marks)
- b) Describe the types of extension methods and explain the context in which it is appropriate to apply them in disseminating knowledge and technology (3x3=9 marks)
- c) Explain five (5) principles to consider when selecting an extension method (5 marks)