



# MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)  
University Examinations for 2015/2016 Academic Year

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT  
DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

SECOND SEMESTER EXAMINATION FOR DIPLOMA IN AGRICULTURAL  
EDUCATION AND EXTENSION

**KEE 0223: EXTENSION PROGRAMME PLANNING AND IMPLEMENTATION**

**Date:**

**Time: 2hrs**

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**INSTRUCTIONS:**

**Answer ALL questions in section A and ANY TWO questions in section B**

**SECTION A: (COMPULSORY)30 MARKS**

- a) Explain the following terminologies
- i) Needs Assessment
  - ii) Monitoring
  - iii) Extension Programme Planning
  - iv) Plan of work (4 marks)
- b)
- i) Explain why participatory extension programme planning is a process and a social practice (6 marks)
  - ii) Explain three (3) importance of extension programme development (6 marks)
  - iii) Describe two (2) principles of extension programme planning (4 marks)
- c) Explain five (5) criticism for conventional programme planning approach (5 marks)
- d) Explain five (5) ways an extension personnel can use to promote participation in extension programme development (5 marks)

## **SECTION B: 40 MARKS**

### **QUESTION TWO**

- a) Explain the two (2) approaches to extension programme development. (4 marks)
- b) Outline the extension programme planning cycle (16 marks)

### **QUESTION THREE**

- a) Describe the elements of extension programme implementation. (14 marks)
- b) Explain the rationale for promoting participation in extension programme planning and implementation (6 marks)

### **QUESTION FOUR**

- a) Outline the steps involved in conducting evaluation of an extension programme (12 marks)
- b) Explain the principles underlying effective extension programme evaluation. (8 marks)

### **QUESTION FIVE**

- a) Explain the elements of a logical framework matrix (20 marks)