



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF AGRICULTURAL AND FOOD SCIENCES**  
**UNIVERSITY EXAMINATION FOR DEGREE OF MASTER OF SCIENCE IN**  
**AGRICULTURAL EXTENSION EDUCATION**  
**SECOND YEAR FIRST SEMESTER 2013/2014 ACADEMIC YEAR**

**PART TIME**

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**COURSE CODE: AAE 5213**

**COURSE TITLE: Monitoring and Evaluation in Agricultural Extension**

**EXAM VENUE:LR 18**

**STREAM: MSc (Agric. Ext. Edu.)**

**DATE: 21/11/2014**

**EXAM SESSION: 9.00 – 12.00 NOON**

**TIME: 3.00 HOURS**

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**Instructions:**

- 1. Answer ALL questions.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

1. On the basis of evaluation, with example, explain the following commonly used terms:
  - (a) Monitoring [3 marks]
  - (b) Evaluation [3 marks]
  - (c) Formative evaluation [3 marks]
  - (d) Process evaluation [3 marks]
  - (e) Summative and impact evaluation. [3 marks]
  
2. (a) What is a LOG FRAME?
  - (b) As a subject matter specialist in extension, develop an example of a logical framework to be used to overcome a named problem in extension. [15 marks]
  
3. Briefly discuss the following on the basis of monitoring and evaluation:
  - (a) Experimental Designs [3marks]
  - (b) Placebo [3marks]
  - (c) Internal validity [3marks]
  - (d) Indicators [3marks]
  - (e) Yardstick(s) [3marks]
  
4. (a) Explain the difference between a Quasi-Experimental design and a Non- Experimental design. [7.5 marks]
  - (b) Critique any three sources of data that may be used during an evaluation. [7.5marks]