



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF AGRICULTURAL AND FOOD SCIENCES**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF DOCTOR OF**  
**PHILOSOPHY IN FOOD SECURITY AND SUSTAINABLE AGRICULTURE**  
**1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER 2018/2019 ACADEMIC YEAR**  
**FIRST YEAR SECOND SEMESTER EXAMINATION**

**MAIN**

---

**COURSE CODE: AEE 5113**

**STREAM: MSc AGRIC EXT.**

**COURSE TITLE: EXTENSION PROGRAMME DEVT. AND IMPLEMENTATION**

**DATE: 2/09/19**

**EXAMS SESSION: 9.00 – 12.00NOON**

**TIME: 3.00 HRS**

---

**INSTRUCTIONS**

- 1. Answer Question ONE (Compulsory) in Section A and any other TWO Questions in Section B.**
- 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.**

## SECTION A

Q1a. Using examples, explain the following as used in Programme planning and evaluation:

- |   |                   |
|---|-------------------|
| i) Problem                              | (2 marks)         |
| ii) Participation in programme planning | (2 marks)         |
| iii) Assumptions in programme Planning  | (2 marks)         |
| iv) Basic model in programme planning   | (2 marks)         |
| v) Screens in priority setting          | (2 marks)         |
| vi) Levels of planning                  | (2 Marks)         |
| <b>Total</b>                            | <b>(12 Marks)</b> |

1Qb. Using examples, explain the concept of Logic Model **8 marks**

## SECTION B

**Answer only two questions from this section**

Q2 Discuss the methodology of carrying out Monitoring and Evaluation of a project.

**(20 Marks)**

Q3 Priority setting is an important in Programme planning and implementation.

Discuss.

**(20 marks)**

Q4. Discuss the two theories used to reinforce learning

- Phenomenological theory and
- Behaviorist theory

**(20 Marks)**