



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY
SCHOOL OF AGRICULTURE AND FOOD SCIENCES
SECOND SEMESTER FOURTH YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN AGRICULTURAL EXTENSION EDUCATION
2019/2020 ACADEMIC YEAR**

SIAYA CAMPUS

COURSE CODE: AEE 3421

COURSE TITLE: EXTENSION EDUCATION EVALUATION

EXAM VENUE: STREAM: (BSc. Agric. Ext. Educ.)

DATE: EXAM SESSION:

TIME: 2HOURS

Instructions:

- 1. Answer ALL questions in Section A (compulsory) and ANY 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 [30 MARKS]

Answer ALL questions from this section

Q1. Using examples, explain the following as used in Programme planning and evaluation:

- i) Vocational Agricultural Education (3 marks)
- ii) The Concept of Attitude- Knowledge- Skills- Practice in technology uptake (3 marks)
- iii) Value Chain Approach(VCA) and its importance in agricultural production (3 marks)
- iv) Research Extension Farmer linkage is a useful pathway in technology transfer (3 marks)
- v) Commodification of Extension services(3 marks)
- vi) Paradigms in agricultural Extension (3 marks)
- vii) Demand Driven Extension (3 marks)
- viii) Qualitative and Quantitative data (3 marks)
- ix) Agricultural Education(3 Marks)
- x) Agricultural Extension(3 Marks)

SECTION A [30 MARKS]

Answer ALL questions from this section

Q2 Farmer Field School is a participatory Approach in Agricultural Extension.

Discuss. (20 Marks).

Q3. Discuss the AKAP Sequence in Extension Impact. (20 marks)

Q4 i) Using examples, explain the key steps in developing indicators. (10 marks)

ii) Explain what you understand by impact evaluation. (5 marks)

iii) Distinguish between random sampling and snowballing sampling techniques (5 marks)

(20 marks)

Q5. Using Screens discuss the concept of Priority Setting in programme planning (20 Marks).

