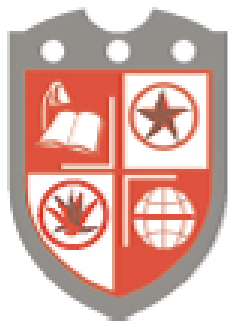


LAIKIPIA



UNIVERSITY

## UNIVERSITY EXAMINATIONS

**1<sup>ST</sup> SEMESTER 2023/2024 ACADEMIC YEAR**

### **FOURTH YEAR EXAMINATIONS FOR BACHELOR OF SCIENCE IN AGRICULTURAL EXTENSION AND EDUCATION**

**AGED 413: EXTENSION PROGRAMME PLANNING AND  
IMPLEMENTATION**

***STREAM: R***

***TIME: 2 HRS***

***DAY: WEDNESDAY (8.30-10.30AM) DATE: 13/12/23***

**THIS QUESTION PAPER CONSISTS OF THREE (3 PAGES)**

**PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.**

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*Vision: A University for Valued Transformation of Society*

*Mission: To serve students and society through research, education, scholarship, training, innovation, outreach and consultancy*

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Laikipia University is ISO 9001:2015 and ISO/IEC 27001:2013 Certified



**INSTRUCTIONS:** Answer question **ONE** and any other **TWO** questions.

**QUESTION ONE (30 MARKS)**

- i. Using two points, differentiate the terms monitoring and evaluation as used in extension program planning and implementation **(4mks)**
- ii. State five major reasons for undertaking monitoring and evaluation in agricultural extension programs **(5mks)**
- iii. State five principles of program planning **(5mks)**
- iv. Describe four types of formal evaluation undertaken on extension programs **(4mks)**
- v. Give four reasons why it is important for agricultural extension officers to undertake situation analysis before implementing extension program in an area **(4mks)**
- vi. Explain two reasons why extension agents should use the critical path method (CPM) during planning extension programs **(4mks)**
- vii. Outline four elements that are essential for successful extension program implementation **(4mks)**

**QUESTION TWO (20 MARKS)**

- a) Justify five reasons why local people participation in the planning and implementation of agricultural extension programs is encouraged **(10mks)**
- b) Discuss four elements of the communication process an extension worker must consider while communicating agricultural messages **(10mks)**

**QUESTION THREE (20 MARKS)**

- a) Explain five importances of an extension program in the provision of agricultural extension services **(10mks)**
- b) Using a diagram, illustrate the process of developing an agricultural extension program **(10mks)**



**QUESTION FOUR (20 MARKS)**

- a) Evaluate five attributes of an agricultural innovation that may accelerate or deter the rate of its adoption (10mks)
- b) Explain the process of adoption of agricultural innovations (10mks)

**QUESTION FIVE (20 MARKS)**

- a) Justify the preparation of progress reports by extension program implementers (12mks)
- b) Discuss four primary elements of extension program reports (8mks)

