



MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

FOURTH YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

AEE 433: EXTENSION PROGRAMME PLANNING AND IMPLEMENTATION

DATE:

TIME:

INSTRUCTIONS:

Answer *ALL* questions from Section A and any other *TWO* from Section B:

SECTION A: COMPULSORY: (30 MARKS)

QUESTION ONE (30 MARKS)

- a) Differentiate the following terms as used in extension planning and implementation
- i. Portfolio report and Milestone reports; (4 marks)
 - ii. Extension communication and Extension education; (4 marks)
 - iii. Programme Planning and Programme implementation; (4 marks)
 - iv. Horizontal coordination and Vertical coordination; (4 marks)
 - v. Formative evaluation and Summative evaluation; (4 marks)
- b) Explain five key objectives of need assessment (10 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

QUESTION TWO (20 MARKS)

A dairy project in Githuguri Sub-county was being analysed for its inefficiency by an extension officer. Using an illustration demonstrate a critical path model to identify factors causing inefficiencies in the project. (20 marks)

QUESTION THREE (20 MARKS)

- a) Discuss the following extension teaching methods
- i. Group methods; (5 marks)
 - ii. Demonstration methods. (5 marks)
- b) Elaborate five factors you will consider in need assessment if you wish to engage the youth to participate in farming activities in Kenya. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss the importance of involving stakeholders in programme planning. (10 marks)
- b) Explain five principles of outcome focused planning. (10 marks)

QUESTION FIVE (20 MARKS)

An extension worker planning initiate tree nurseries programme among the youth in Kitui County. Discuss the stages he/she will follow in planning the programme. (20 marks)