

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**FIRST YEAR EXAMINATION FOR THE AWARD OF MASTER OF SCIENCE
IN AGRICULTURAL EXTENSION**

AGEX 832: EXTENSION PROGRAMME DEVELOPMENT AND IMPLEMENTATION

STREAMS: MSC (AGEX)

TIME: 3 HOURS

DAY/DATE: WEDNESDAY 07/8/2019

2.30 P.M. – 5.30 P.M.

INSTRUCTIONS: Answer question ONE (Compulsory) and any other TWO

- Q1. (a) Explain the assumptions in extension programming [10 marks]
(b) Describe the various levels of programme planning in agricultural extension

[10 marks]

- (c) Marsabit county suffers from severe drought and excessive soil erosion during rainy season. Develop a diagrammatic representation of a logical framework intended to overcome human hunger and livestock losses associated with this problem.

[10 marks]

- Q2. Explain the major phases of farming system research and development research cycle.

[15 marks]

- Q3. (a) Giving examples, describe the steps in priority setting planning. [10 marks]

- (b) Explain 5 significance for farmers participation in priority setting during extension planning.

[5 marks]

AGEX 832

- Q4. (a) Discuss the theory of diffusion and adoption in agricultural extension [5 marks]
- (b) Explain the attributes of innovations that make people adopt them. [5 marks]
- (c) Discuss any five tools used to collect data in agricultural research [5 marks]
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