

CHUKA



UNIVERSITY

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## UNIVERSITY EXAMINATIONS

### EXAMINATION FOR THE AWARD OF CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

AGED 00232: EXTENSION EDUCATION AND PLANNING

STREAMS: CERT (ANHE)

TIME: 2 HOURS

DAY/DATE: MONDAY 05/08/2019

8.30 AM – 10.30 AM

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#### INSTRUCTIONS:

- **Question One is Compulsory**
- **Answer any other three questions**
- **Do not write anything on the question paper**

- (a) Give two definitions of agricultural extension. [2 marks]
  - (b) Explain five stages in the adoption process in agricultural extension. [10 marks]
  - (c) Explain three roles of agricultural extension towards realization of vision 2030 in Kenya. [6 marks]
  - (d) Outline seven purposes of farm visit as an extension teaching method in agricultural extension. [7 marks]
- (a) Explain six criticisms of training and visit (T&V) as an extension approach. [6 marks]
  - (b) Explain three main facets of agricultural extension. [6 marks]
  - (c) Outline three constraints facing extension services in Kenya. [3 marks]
- (a) Discuss any ten basic principles of agricultural extension. [10 marks]

- (b) State five advantages of method demonstration as a teaching method in extension. [5 marks]
4. (a) Define the following terms as used in agricultural extension:
- (i) Diffusion [1 mark]
  - (ii) Adoption [1 mark]
- (b) Explain four basic philosophies of agricultural extension. [8 marks]
- (c) Outline five specific points of swynnerton plan of 1954 towards the development of African agriculture. [5 marks]
5. (a) Give six advantages of result demonstration as a method of teaching in agricultural extension. [6 marks]
- (b) Outline four characteristics of extension delivery system. [4 marks]
- (c) Give five ways how a livestock extension worker can build mutual trust with people in rural areas. [5 marks]
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