

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR  
OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

AGED 413: AGRICULTURAL INFORMATION MANAGEMENT

STREAMS: BSC (AGED) Y4S1

TIME: 2 HOURS

DAY/DATE: TUESDAY 05/12/2017

8.30 A.M. – 10.30 A.M.

**INSTRUCTIONS:**

- Answer question ONE (Compulsory) and any other THREE questions
- Do not write on this question paper

- Q1. (a) Give the meaning of agricultural information management. [1 mark]  
(b) Outline the characteristics of a valuable information. [10 marks]  
(c) Explain three functions of an information system. [6 marks]  
(d) Explain four conditions that need to be placed along the information chain for the information to be acted on. [8 marks]
- Q2. Discuss the components of a modern decision support system. [15 marks]
- Q3. Discuss five areas where Geographical Information System (GIS) is applied in Kenya today. [15 marks]
- Q4. (a) Describe the four types of information in agriculture. [8 marks]  
(b) Outline 7 tasks involved in agricultural data management. [7 marks]
- Q5. Describe the components of an information system. [15 marks]
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