

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

AGED 415: AGRICULTURAL INFORMATION MANGEMENT

STREAMS: BSC AGED Y4S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 11/12/2019

8.30 A.M – 10.30 A.M

INSTRUCTIONS

**Answer question one(compulsory) and any other three questions
Do not write on the question paper**

1. (a) Distinguish between the following terms used in information management.
 - (i) Data and information. [2 marks]
 - (ii) Bureaucratic and classical organizational structure. [2 marks]
 - (iii) Geographical information system and data base management system. [2 marks](b) Explain five main functions of an information system. [5 marks]
 - (c) Explain four conditions that should be placed along the information chain for information to be acted upon. [8 marks]
 - (d) Explain six tasks involved in agricultural data management. [6 marks]
2. (a) Explain five characteristics of valuable information. [5 marks]
 - (b) Describe the four types of information in agriculture. [10 marks]
3. Explain the significance of geographical information system (GIS) in Kenya. [15 marks]
 4. Describe the components of a modern decision support system. [15 marks]
 5. Describe the components of an information system in agriculture. [15 marks]
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