

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS**  
**EXAMINATION FOR THE AWARD DEGREE OF BACHELOR OF AGRICULTURAL**  
**EXTENSION AND EDUCATION**  
**AGED 415: AGRICULTURAL INFORMATION**  
**STREAMS: BSC (AGED) Y4S1 (PT)**  
**DAY/DATE: MONDAY 11/08/2025**

**TIME: 2 HOURS**  
**8.30 A.M. – 10.30 A.M**

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**Instructions**

- i. Answer All questions in Section A and any Three in Section B.**
- ii. Answer each question on a separate page**

**Section 1**

**Question 1**

- a) Explain five characteristics of valuable information. (10 marks)
- b) Discuss seven ways in which experts can capture agricultural data. (8 marks)
- c) Discuss two dimensions of the agricultural information system. (4 marks)
- d) Differentiate between data and information. (3marks)

**Section 2**

**Question 2**

- a) Describe five components of an information system. (10 marks)
- b) Explain five reasons why you may discourage people from using technologies in the Agricultural sector (5 marks)

**Question 3**

Explain five criteria that should be considered when planning to use ICT for enhancing the agricultural production value chain (15 marks)

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### Question 4

- a) Explain five challenges hindering information communication technology adoption in Kenya's agricultural sector. (10 marks)
- b) Explain five significances of Geographical Information System (GIS) in Kenya. (5 marks)

### Question 5

- a) Explain seven advantages of Agricultural Information Management Systems. (7 marks)
  - b) Describe the five types of information in agriculture. (8 marks)
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