



(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR

THIRD YEAR 2ND SEMESTER
MAIN EXAMINATION

FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE
EDUCATION AND EXTENSION

COURSE CODE: AEX 323

**COURSE TITLE: AGRICULTURAL INFORMATION,
MANAGEMENT AND EXTENSION**

DATE: 5TH OCTOBER 2021

TIME: 9 – 11 AM

INSTRUCTIONS TO CANDIDATES

Answer Question ONE and any other TWO Questions.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

1(a) Identify the relationship between the following terms.

(i) Agricultural data and agricultural information (4 marks)

(ii) Information needs and information demands (4 marks)

(iii) Information economics and information resources (4 marks)

(b) Using five examples outline the importance of information in farming (10 marks)

(c) Discuss four factors that determine adoption of information technologies in agriculture extension service. (8 marks)

2(a) Describe four sources of agricultural data (8 marks)

(b) Discuss six determinants of farmers' information needs (12 marks)

3(a) Explain any agricultural information system (2 marks)

(b) Assuming that you have been assigned a duty of designing an information system for agricultural-based manufacturing firm, state nine factors that will guide your design. (18 marks)

4(a) State five determinants of farmer's information demands (10 marks)

(b) On the basis of an agricultural triangle describe the stakeholders in agricultural communication. (10 marks)

5(a) Define information management (2 marks)

(b) State four objectives of information management (8 marks)

(c) Explain five characteristics of quality agricultural information (10 marks).