



*(Knowledge for Development)*

# **KIBABII UNIVERSITY**

## **UNIVERSITY EXAMINATIONS 2021 / 2022 ACADEMIC YEAR**

### **FIRST YEAR 2ND SEMESTER SPECIAL / SUPPLEMENTARY EXAMINATIONS**

**FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE  
EDUCATION AND EXTENSION & BACHELOR OF AGRICULTURE  
AND BIOTECHNOLOGY**

**COURSE CODE:** AAG 121

**COURSE TITLE:** TECHNICAL AND SCIENTIFIC COMMUNICATION  
SKILLS

**DATE:** 27<sup>TH</sup> JULY 2022

**TIME:** 2 – 4 PM

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#### **INSTRUCTIONS TO CANDIDATES**

Answer Question ONE and any other TWO Questions.

TIME: 2 Hours

This paper consists of 3 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

## **QUESTION ONE**

(i) Define the following terms: (10marks)

- (a) Plagiarism
- (b) Critical reasoning
- (c) Scientific thinking
- (d) Argumentation
- (e) Rhetoric

(ii) Briefly explain Five characteristics of Scientific Thinking (10marks)

(iii) Fallacies being mistaken beliefs based on unsound arguments derive from reasoning that is logically incorrect, thus undermining an argument's validity. Discuss any Five common Fallacies in arguments (10marks)

## **QUESTION TWO**

- (i) List the 11 Steps involved in writing an academic manuscript (10marks)
- (ii) Discuss FIVE unethical conduct in scientific communication (10marks)

## **QUESTION THREE**

- (a) Explain 3 central components of scientific and critical Thinking (6marks)
- (b) Discuss Four (4) main types of academic/scientific writing(10marks)
- (c) Briefly explain the main characteristics of communication (4marks)

## **QUESTION FOUR**

- (a) Good technical writing must consider important features. Discuss at least seven (7) features of technical writing (14marks)
- (b) Highlight ethical issues in scientific communication (6marks)

## QUESTION FIVE

- (a) Highlight four important elements of communication process (4marks)
  
- (b) Discuss Four (4) Rhetoric guidelines in preparing scientific documents (16marks)