



(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR

FIRST YEAR 2ND SEMESTER
MAIN EXAMINATION

**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: 11TH MAY 2022

TIME: 2 – 4 PM

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) Communication
 - (b) Communication Skills
 - (c) Scientific thinking
 - (c) Argumentation
 - (d) Fallacy
- (ii) Describe three (3) principles guiding Scientific Thinking (10marks)
- (iii) .In an argument, there is the arguer's Main Idea, called the 'Claim' .Describe the 3 types of 'Claims' (10marks)

QUESTION TWO

- (i) Name Two purposes of an argument (4marks)
- (ii) Describe Three steps of analyzing an argument (6marks)
- (iv) Briefly describe 5 unethical behavior and their probable causes in scientific communication (10marks)

QUESTION THREE

- (a) Distinguish between Science writing and Scientific writing (4marks)
- (b) Discuss Four (4) main types of academic/scientific writing(10marks)
- (c) Correctly cite references in the examples below; (6marks)
 - (i) Technical Communication: Andersen P.V (2011).A reader Centred Approach, Boston: Cengage Learning
 - (ii) Cambridge,Massachusetts: Perseus Publishing. Effective Communication Skills for Scientific and Technical Professionals. Chambers H.E and Dawson M.M (2001)

- (iii) Smart Thinking: Skills for Critical Understanding and Writing, 2nd Ed.,
Allen M (2004) with more than six authors

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) Define the term Rhetoric in relation to preparation of scientific documents (4marks)
- (b) Discuss Four(4) Rhetoric guidelines in preparing scientific documents (8marks)
- (c) Highlight eight (8) important characteristics to consider when writing to the audience (8marks)