



MACHAKOS UNIVERSITY

University Examinations for 2022/2023 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF LINGUISTICS AND LANGUAGES

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

**BACHELOR OF SCIENCE (TELECOMMUNICATION AND INFORMATION
TECHNOLOGY)**

BACHELOR OF SCIENCE (COMMUNITY RESOURCE AND MANAGEMENT)

BACHELOR OF SCIENCE (ELECTRICAL AND ELECTRONICS ENGINEERING)

BACHELOR OF SCIENCE (MATHEMATICS AND COMPUTER SCIENCE)

BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)

BACHELOR OF SCIENCE (STATISTICS AND PROGRAMMING)

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

BACHELOR OF SCIENCE (MECHANICAL ENGINEERING)

BACHELOR OF SCIENCE (COMPUTER SCIENCE)

BACHELOR OF SCIENCE (CIVIL ENGINEERING)

BACHELOR OF ECONOMICS AND STATISTICS

BACHELOR OF ECONOMICS AND FINANCE

BACHELOR OF SCIENCE (MATHEMATICS)

BACHELOR OF ECONOMICS

BACHELOR OF COMMERCE

BACHELOR OF ARTS

UCU 103: INTRODUCTION TO CRITICAL AND CREATIVE THINKING

DATE: 11/4/2023

TIME: 8:30 – 10:30 AM

INSTRUCTIONS:

Answer QUESTION ONE and any other TWO QUESTIONS

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Applying any Three Characteristics of Critical thinking, explain how critical and creative thinking enhances your life as a student of Machakos University. (15 marks)
- b) Citing relevant examples, discuss how any five tools of transformation enable you to improve your critical thinking (15 marks)

QUESTION TWO (20 MARKS)

While making reference to J.S. Mill's work "On Liberty," discuss how individuality and freedom are essential for a good society.

QUESTION THREE (20 MARKS)

By way of relevant examples, discuss the nature of any five fallacies of relevance. In each case, demonstrate how they impede thinking.

QUESTION FOUR (20 MARKS)

Discuss how Cartesian Philosophy is relevant in shaping the thought process and beliefs of a critical and creative thinker.

QUESTION FIVE (20 MARKS)

Use practical demonstrations to show how criticality and creativity improve one's decision making and problem solving skills.