MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (TELECOMMUNICATION AND INFORMATION TECHNOLOGY)

BACHELOR OF SCIENCE (MATHEMATICS AND COMPUTER SCIENCE)

BACHELOR OF SCIENCE (COMMUNITY RESOURCE MANAGEMENT)

BACHELOR OF SCIENCE (APPLIED PHYSICS AND TECHNOLOGY)

BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)

BACHELOR OF SCIENCE (STATISTICS AND PROGRAMMING)

BACHELOR OF EDUCATION (SPECIAL NEED EDUCATION)

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

BACHELOR OF SCIENCE (ANALYTICAL CHEMISTRY)

BACHELOR OF ARTS (PUBLIC ADMINISTRATION)

BACHELOR OF SCIENCE (ACTUARIAL SCIENCE)

BACHELOR OF SCIENCE (COMPUTER SCIENCE)

BACHELOR OF ECONOMICS AND STATISTICS

BACHELOR OF ECONOMICS AND FINANCE

BACHELOR OF SCIENCE (MATHEMATICS)

BACHELOR OF COMMERCE

BACHELOR OF ECONOMICS

UCU 103: INTRODUCTION TO CRITICAL AND CREATIVE THINKING

DATE: 7/12/2020   **TIME: 8.30-10.30 AM**

INSTRUCTIONS: Answer QUESTION ONE and any other TWO QUESTIONS

QUESTION ONE (30 MARKS)

a)   Explain **any four** ways in which the study of critical and creative thinking is helpful to a university student.   (12 marks)

b)   Examine five characteristics of a critical thinker.   (10 marks)

c)   Using examples, differentiate between validity and soundness of an argument.   (8 marks)

QUESTION TWO (20 MARKS)

Elaborate any **four** intellectual virtues that critical thinking inculcates in a learner, showing how each promotes transformation.

QUESTION THREE (20 MARKS)

Discuss any **five (5)** barriers to critical thinking.

QUESTION FOUR (20 MARKS)

Using relevant examples, elucidate any **four (4)** fallacies showing how they can be avoided.

QUESTION FIVE (20 MARKS)

With reference to John Stuart Mill's essay '*On Liberty'* discuss the concepts of individuality and sociality.