



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 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 (ELECTRICAL AND ELECTRONICS ENGINEERING)

BACHELOR OF SCIENCE (MATHEMATICS AND COMPUTER SCIENCE)

BACHELOR OF SCIENCE (APPLIED PHYSICS AND TECHNOLOGY)

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

BACHELOR OF SCIENCE (MECHANICAL ENGINEERING)

BACHELOR OF ARTS (COUNSELLING PSYCHOLOGY)

BACHELOR OF ARTS (GENDER & DEVELOPMENT)

BACHELOR OF ARTS (PUBLIC ADMINISTRATION)

BACHELOR OF SCIENCE (ACTUARIAL SCIENCE)

BACHELOR OF SCIENCE (APPLIED CHEMISTRY)

BACHELOR OF SCIENCE (COMPUTER SCIENCE)

BACHELOR OF SCIENCE (CIVIL ENGINEERING)

BACHELOR OF ECONOMICS AND STATISTICS

BACHELOR OF SCIENCE (FASHION DESIGN)

BACHELOR OF SCIENCE (PUBLIC HEALTH)

BACHELOR OF ECONOMICS AND FINANCE

BACHELOR OF SCIENCE (MATHEMATICS)

BACHELOR OF SCIENCE (BIOLOGY)

BACHELOR OF ECONOMICS

BACHELOR OF COMMERCE

BACHELOR OF ARTS

UCU 103: INTRODUCTION TO CRITICAL AND CREATIVE THINKING

DATE: 14/6/2021

TIME: 8:30 – 10:30 AM

INSTRUCTIONS: Answer QUESTION ONE and any other TWO QUESTIONS

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Using appropriate examples, discuss any **five** intellectual tools characteristic of an accomplished thinker, clearly showing their indispensability to critical and creative thinking (10 marks)
- b) Discuss any **five** obstacles to critical and creative thinking while clearly demonstrating how they act as such as well as how they can be overcome. (12 marks)
- c) Evaluate any **four** intellectual virtues that an accomplished critical thinker possesses. (8 marks)

QUESTION TWO (20 MARKS)

Using **five** examples, illustrate the view that a good thinker should distinguish between appearance and reality.

QUESTION THREE (20 MARKS)

Critically examine the **five** phases of decision making and demonstrate how they exemplify the character of a critical thinker.

QUESTION FOUR (20 MARKS)

Explain the following fallacies clearly demonstrating how they occur in an argument.

Give examples for each:

- i) Fallacy of false cause (4 marks)
- ii) Fallacy of appeal to force (4 marks)
- iii) Ad hominem circumstantial (4 marks)
- iv) Fallacy of appeal to pity (4 marks)
- v) Fallacy of you too (4 marks)

QUESTION FIVE (20 MARKS)

Using **five** examples to illustrate your answers, examine the view that inability to think critically and creatively is the main cause of human problems and suffering.