



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (ELECTRICAL AND ELECTRONICS ENGINEERING)

BACHELOR OF SCIENCE (MECHANICAL ENGINEERING)

BACHELOR OF SCIENCE (CIVIL ENGINEERING)

UCU 103: CRITICAL AND CREATIVE THINKING

DATE: 13/5/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS

Answer Question One and any other Two Questions

QUESTION ONE (30 MARKS) (COMPULSORY)

- a) Differentiate Skills/abilities from Dispositions of critical thinking (5 marks)
- b) Demonstrate the distinction between descriptive and normative nature of critical thinking (5 marks)
- c) Illustrate the relationship between critical thinking and creative thinking? (10 marks)
- d) Discuss the link between critical thinking and philosophy (10 marks)

QUESTION TWO (20 MARKS)

What are the issues that Harvey Siegel's point out regarding science education

QUESTION THREE (20 MARKS)

Discuss Harvey Siegel conception of critical thinking

QUESTION FOUR (20 MARKS)

Demonstrate the importance of critical thinking to philosophy of science

QUESTION FIVE (20 MARKS)

Basing yourself on any philosopher of your choice, discuss the role of critical thinking to one of the following only: either in democracy or religion or education