



MACHAKOS UNIVERSITY

University Examinations 2016/2017

SCHOOL OF HUMANITIES AND SOCIAL SCIENCE

DEPARTMENT OF SOCIAL SCIENCES

**FIRST YEAR SECOND SEMESTER EXAMINATION FOR
BACHELOR OF SCIENCE (ELECTICAL AND ELECTRONIC ENGINEERING)
BACHELOR OF SCIENCE (MECHANICAL ENGINEERING)
BACHELOR OF SCIENCE (CIVIL ENGINEERING)**

UCU 103: INTRODUCTION TO CRITICAL AND CREATIVE THINKING

DATE: 12/6/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

1. a) Explain what you understand by the term “Professional Philosophy”? (5 marks)
b) Using epistemology as an exemplar, explain the notion that logic underpins all the other branches of philosophy (10 marks)
c) Critically evaluate the notion that philosophy constitutes the foundation of critical and creative thinking (15 marks)
2. Using clear examples, explain any four (4) tools of analysis as epitomized in critical and creative thinking (20 marks)
3. Using either religion or politics, show how “idols of the mind” impede critical and creative thinking (20 marks)
4. With reference to Socrates, explain the idea that self-examination is the foundation of critical and creative thinking (20 marks)
5. Explain any four (4) inductive fallacies used by politicians to convince people to vote for them (20 marks)