



# **MACHAKOS UNIVERSITY**

**University Examinations for 2018/2019 Academic Year**

**SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**

**DEPARTMENT OF SOCIAL SCIENCES**

**FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR**

**BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENSION)**

**BACHELOR OF SCIENCE (HOSPITALITY AND TOURISM MANAGEMENT)**

**BACHELOR OF SCIENCE (MATHEMATICS AND COMPUTER SCIENCE)**

**BACHELOR OF SCIENCE (COMMUNITY RESOURCE MANAGEMENT)**

**BACHELOR OF SCIENCE (APPLIED PHYSICS AND TECHNOLOGY)**

**BACHELOR OF EDUCATION (EARLY CHILDHOOD EDUCATION)**

**BACHELOR OF ENVIRONMENTAL (RESOURCE MANAGEMENT)**

**BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)**

**BACHELOR OF ENVIRONMENTAL (COMMUNITY RESOURCE)**

**BACHELOR OF SCIENCE (STATISTICS AND PROGRAMMING)**

**BACHELOR OF SCIENCE (AGRIBUSINESS MANAGEMENT)**

**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

**BACHELOR OF EDUCATION (SPECIAL NEEDS)**

**BACHELOR OF ECONOMICS AND STATISTICS**

**BACHELOR OF SCIENCE (PUBLIC HEALTH)**

**BACHELOR OF SCIENCE (MATHEMATICS)**

**BACHELOR OF ECONOMICS AND FINANCE**

**BACHELOR OF EDUCATION (SCIENCE)**

**BACHELOR OF SCIENCE (BIOLOGY)**

**BACHELOR OF EDUCATION ARTS**

**BACHELOR OF ECONOMICS**

**BACHELOR OF COMMERCE**

**BACHELOR OF ARTS**

**UCU 103: INTRODUCTRION TO CRITICAL AND CREATIVE THINKING**

**DATE:**

**TIME:**

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**INSTRUCTIONS: Answer QUESTION ONE and any other TWO QUESTIONS**

### **QUESTION ONE**

- a) Explain at least **FIVE** characteristic features of a critical thinker (10 marks)
- b) Explain any **FOUR** transferable skills you have acquired through the study of critical and Creative thinking (8 marks)
- c) By use of a well labeled diagram demonstrate how the mind, through critical and creative thinking, moves from *Low Level* to *High Level Thinking* (12 marks)

### **QUESTION TWO**

Explain any **FIVE** components of thinking while clearly showing how the worthiness of each is determined (20 marks)

### **QUESTION THREE**

Most of the problems facing Kenya today might have been avoided or easily solved if her citizens thought critically and creatively. By use of appropriate example of a problem that might have either occurred in your life or observed in society, demonstrate the truth of this statement with reference to the phases of problem solving (20 marks)

### **QUESTION FOUR**

Distinguish between individualism and individuality. With reference to John Stuart Mill's essay 'on liberty' explain the role of individuality/autonomy in both personal and societal development (20 marks)

### **QUESTION FIVE**

- a) Give at least **five** indicator terms which will help you in identifying (i) premises, and (ii) conclusions in an ordinary speech or literary work (5 marks)
- b) By use of appropriate examples, show how the following informal fallacious occur
- i. Fallacies of relevance (5 marks)
  - ii. Fallacies of induction / inadequate information (5 marks)
  - iii. Fallacies of ambiguity (5 marks)