



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

P.O. Box 62157
00200 Nairobi - KENYA
Telephone: 891601-6
Fax: 254-20-891084
E-mail: academics@cuea.edu

AUGUST – DECEMBER 2018 TRIMESTER

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF PHILOSOPHY

REGULAR PROGRAMME

B-PHL 102: LOGIC

Date: DECEMBER 2018

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and ANY OTHER TWO Questions

- Q1. a) Is Logic an art, or a science or both? Explain your answer. **(4 marks)**
- b) State and explain the three mental activities of the mind. **(8 marks)**
- c) Explain and illustrate the principle: "Comprehension and Extension are in inverse relation to each other." **(6 marks)**
- d) Write a short essay on the utility of logic to you. **(12 marks)**
- Q. 2. Discuss briefly the practical value of your study of the following properties of proposition.
- a) Opposition **(10 marks)**
- b) Obversion **(5 marks)**
- c) Conversion **(5 marks)**
- Q. 3. a) State and explain briefly the supreme principles of the syllogism. **(8 marks)**
- b) Give a brief evaluation of the eight rules of the categorical syllogism. **(12 marks)**

- Q.4. Illustrate the four kinds of opposition of propositions and give the laws of truth and falsity governing them. **(20 marks)**
- Q5. a) What is meant by the supposition of a term? **(2 marks)**
- b) Is supposition the same as definition? Explain **(4 marks)**
- c) Name, define and illustrate the various kinds of definition. **(14 marks)**

END