



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

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

MAIN EXAMINATION

MAY – JULY 2016 TRIMESTER

FACULTY OF EDUCATION

DEPARTMENT OF UNDERGRADUATE STUDIES IN EDUCATION

SPECIAL EXAMINATION

ED 103: RESEARCH METHODS

Date: JULY 2016

Duration: 3 Hours

INSTRUCTIONS: Answer Question ONE and any other THREE Questions

- Q1. a) Define the following terms
- i Intervening variables (1 mark)
 - ii Research questions (1 mark)
 - iii Research hypothesis (1 mark)
 - iv Independent variables (1 mark)
 - v Research problem (1 mark)
- b) Differentiate between theoretical framework and conceptual framework (2 marks)
- c) Distinguish between applied and basic research (2 marks)
- d) Describe any FIVE traditional methods of acquiring knowledge. (5 marks)
- e) Justify the need for developing a research proposal. (4 marks)
- f) Describe a naturalistic design for a qualitative study of your choice. (3 marks)
- g) State any FOUR characteristics of a good research problem. (4 marks)
- Q2. Justify the purpose of reviewing literature and account for some common mistakes novice researchers make when they review literature. (15 marks)

- Q3. Analyze the main stages in scientific research process. **(15 marks)**
- Q4. Discuss the features of qualitative and quantitative paradigms in conducting a study of your choice. **(15 marks)**
- Q5. Examine the strengths and limitations of questionnaires and interview guides. **(15 marks)**
- Q6. Explain the differences between the probability and non-probability sampling, discussing THREE techniques from each. **(15 marks)**

END