



**THE CATHOLIC UNIVERSITY OF EASTERN AFRICA**

**A. M. E. C. E. A**

P.O. Box 62157

00200 Nairobi - KENYA

Telephone: 891601-6

**MAIN EXAMINATION**

**MAY – AUGUST 2019 TRIMESTER**

**FACULTY OF EDUCATION**

**DEPARTMENT OF UNDERGRADUATE STUDIES IN EDUCATION**

**PART-TIME PROGRAMME**

**ED 103: RESEARCH METHODS**

**Date: JULY 2019**

**Duration: 3 Hours**

**INSTRUCTIONS: Answer Question One and any other THREE Questions**

- Q1. a) Define the following terms as used in research:
- i) Variable (2mks)
  - ii) Hypothesis (2mks)
  - iii) Research problem (2mks)
  - iv) Research design (2mks)
- b) Briefly explain **THREE** qualities of an effective research topic (3mks)
- c) Outline **THREE** advantages of observation guide as one of the main tool used in data collection (3mks)
- d) Highlight **FIVE** major roles of research in educational programmes (5mks)
- e) State **FIVE** methods of acquiring knowledge (5mks)
- Q2. Examine the general process and steps in research (15mks)
- Q3. Explore characteristics of a good problem statement (15marks)
- Q4. Analyse the distinction between quantitative and qualitative research paradigms (15mks)
- Q5. Assess the advantages and disadvantages of unstructured interviews (15mks)
- Q6. Analyze **TWO** main types of sampling techniques used in research (15mks)

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