

CHUKA



UNIVERSITY

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**UNIVERSITY EXAMINATIONS**

**THARAKA CAMPUS**

**EXAMINATION FOR THE AWARD OF DEGREE OF  
BACHELOR OF EDUCATION ARTS**

**EPSC 222: RESEARCH METHODS IN EDUCATION**

**STREAMS: BED (ARTS) Y2S2**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 03/12/2018**

**2.30 PM – 4.30 PM**

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**INSTRUCTIONS:**

- **Question One is Compulsory. Answer any other Three Questions**
- **Do not write on this question paper**

1. (a) Define the following terms: [7 marks]
- (i) Statistics
  - (ii) Data
  - (iii) Variable
  - (iv) Parameter
  - (v) Research
  - (vi) Hypothesis
  - (vii) Population
- (b) Explain four qualities of a good hypothesis in educational research. [8 marks]
- (c) Describe any five research instruments that you can utilize in data collection. [10 marks]
2. Literature review is the systematic study of all existing work that are relevant to the research. Discuss the usefulness of literature review in educational research. [15 marks]

3. Ethical problems are likely to occur in educational research since human subjects are involved. What ethical considerations must a researcher undertake to protect the rights of the subjects? [15 marks]
  4. A conventional format for arranging reports in theses/ dissertation has the relevant sections arranged in the appropriate order. Using relevant examples discuss the various components of a research proposal. [15 marks]
  5. (a) Discuss any four non-probability sampling methods used in research. [12 marks]
  - (b) Highlight any three functions of a theory in research. [3 marks]
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