

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

SUPPLEMENTARY /RESIT EXAM

SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE  
OF BACHELOR OF EDUCATION (ARTS & SCIENCE)

EPSC 222/224: RESEARCH METHODS IN EDUCATION

STREAM: BED (ARTS & SCI)

TIME: 2 HOURS

DAY/DATE: MONDAY 16/11/2020

2.30 P.M. – 4.30 P.M.

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INSTRUCTIONS: ANSWER ALL QUESTIONS

- 1) Explain the following concepts as used in research (10 marks)
  - (i) Observation
  - (ii) Limitations of the study
  - (iii) Sampling
  - (iv) Questionnaire
  - (v) Research objectives
- 2) Distinguish between:
  - (i) Independent and dependent variables (10 marks)
  - (ii) Target population and sample size (10 marks)
- 3) Explain critically the characteristics of a good hypothesis (10 marks)
- 4) Explain the purpose of Literature Review (10 marks)

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- 5) (a) Define interview technique (2 marks)  
(b) Explain its advantages and limitations as a tool of collecting data (8 marks)
- 6) (a) What is research ethics (2 marks)  
(b) Identify ethical issues and examine each in details (8 marks)
- 7) Discuss two types of research design (10 marks)
- 8) Examine critically the distinction between the concepts of validity and the statement that measurement can be reliable without being valid but that the reverse cannot be true (20 marks)
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