

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

EPSC 222: RESEARCH METHODS IN EDUCATION

STREAMS: BED (ARTS) Y1S2

TIME: 2 HOURS

DAY/DATE: MONDAY 22/03/2021

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- **Answer question ONE and any other THREE questions.**
- **Do not write on the question paper.**

- (a) Explain the meaning of the following terms as applied in research methods.

 - Research
 - Ex post facto research decision
 - Validity
 - Intervening variable
 - Sampling (10 marks)
- (b) Discuss the ethical issues that a researcher has to consider while carrying out research. (5 marks)
- (c) Briefly explain five factors that should be taken into consideration by a researcher in selecting an appropriate method for data collection. (10 marks)
- (d) Briefly explain five characteristics of scientific research. (5 marks)
- Compare and contrast questionnaires and interviews as instruments of collecting primary data. (15 marks)
- Discuss the various types of reliabilities and validity in research, clearly indicating the various techniques of estimating each. (15 marks)

4. Identify a research area of your interest and;
- (a) Write a suitable research title.
 - (b) Identify the independent and dependent variables from the title.
 - (c) State three research objectives from the research
 - (d) State three hypotheses.
 - (e) Write a statement of the problem. (15 marks)
5. Discuss the importance of literature review in a research proposal. (15 marks)
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