

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

EPSC 222: RESEARCH METHODS IN EDUCATION

STREAMS: BED (SCIENCE/ARTS)

TIME: 2 HOURS

DAY/DATE: FRIDAY 13/04/2018

11.30 A.M - 1.30 P.M.

INSTRUCTIONS:

- This paper has **FOUR** Questions.
- Answer **Question ONE (COMPULSORY)** and any other **TWO** Questions.
- Do not write anything on the question paper

QUESTION ONE [30 MARKS]

- (a) Explain the following terms as used in Educational Research;
- (i) Target population [2 Marks]
 - (ii) Representative sample [2 Marks]
 - (iii) Ethical standards [2 Marks]
 - (iv) Dependent variable [2 Marks]
- (b) Argue for the use of interview as a data gathering instrument. [10 Marks]
- (c) Differentiate primary sources from secondary sources of Literature. [4 Marks]
- (d) Explain two reasons why data gathering instruments should be valid and reliable. [4 Marks]
- (e) Using examples, categorize questions used in questionnaires. [4 Marks]

QUESTION TWO [20 MARKS]

- (a) What is hypothesis? [3 Marks]
- (b) Explain the two types of hypothesis. [6 Marks]
- (c) Identify two purposes of a hypothesis. [2 Marks]
- (d) Explain the three types of evaluation research. [9 Marks]

QUESTION THREE [20 MARKS]

- (a) Explain any two non-probability sampling. [8 Marks]
- (b) A Researcher presented his research findings and was informed that they could not be accepted technically on ethical ground. Explain four ethical issues that may have led to this. [12 Marks]

QUESTION FOUR [20 MARKS]

(a) Identify five steps that a Researcher should take if he/she finds cluster sampling appropriate. [5 Marks]

(b) You are about to carry out research on the effectiveness of corporal punishment in schools. Explain five areas of concern that will guide your relationship with your respondents. [15 Marks]

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