

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

EPSC 222: RESEARCH METHODS IN EDUCATION

STREAMS: BED (ARTS)

TIME: 2 HOURS

DAY/DATE: THURSDAY 09/08/2018

11.30 AM – 1.30 PM

INSTRUCTIONS:

- **Answer Question One and any other Three Questions**
- **Do not write anything on the question paper**

1. (a) Highlight the purpose of research in education. [4 marks]
(b) State three characteristics of a good hypothesis. [3 marks]
(c) Explain the following types of evaluation research. [6 marks]
 - (i) Need assessment
 - (ii) Formative evaluation
 - (iii) Summative evaluation
 - (d) Differentiate validity and reliability of research instruments. [4 marks]
(e) State three functions of a theory in research. [3 marks]
(f) Highlight the procedure involved in stratified random sampling. [5 marks]
2. (a) Highlight five disadvantages of using an interview in data collection. [10 marks]
(b) (i) State the difference between structured and unstructured questionnaire [1 mark]

- (ii) Explain advantages of using unstructured questionnaire in data collection. [4 marks]
3. (a) Explain five secondary sources of literature in research. [5 marks]
- (b) Explain how a researcher may observe the following ethical issues while conducting research. [10 marks]
- (i) Confidentiality
 - (ii) Disclosure
 - (iii) Informed consent
 - (iv) Anonymity
 - (v) Integrity
4. Discuss the components of research proposal. [15 marks]
5. Discuss five types of validity of a research instrument. [10 marks]
- (b) Explain the following terms used in research.
- (i) Measure of central tendency, give examples. [3 marks]
 - (ii) Simple random sampling. [2 marks]
-