

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF MASTERS OF EDUCATION

EDUC 803: RESEARCH METHODS IN EDUCATION

STREAMS: MED

TIME: 3 HOURS

DAY/DATE: TUESDAY 14/04/2020

2.30 PM – 5.30 PM

INSTRUCTIONS:

- **Answer Question One and any other Two Questions**
- **Do NOT write on the question paper**

1. (a) Discuss the following concepts as used in educational research. Give suitable examples.
 - (i) Independent variable [2 marks]
 - (ii) Dependent variable [2 marks]
 - (iii) Scope [2 marks]
 - (iv) Limitations [2 marks]
 - (v) Assumptions [2 marks]
 - (b) Discuss key characteristics of scientific research. [8 marks]
 - (c) Explain with suitable illustrations the rationale for the review of literature by researchers in education. [6 marks]
 - (d) Explain the key challenges facing the development of educational research in Kenya. [6 marks]
2. (a) Explain key considerations in the selection of research design. [5 marks]
 - (b) With suitable examples, discuss four research designs that you could adopt in conducting educational research. [10 marks]

3. You have been contacted to lead a research team on the effectiveness of CBC. You have however noted that the outcome could significantly be influenced by varied factors. Discuss with suitable illustrations strategies that you could adopt to minimize the impact of extraneous variables in research. [15 marks]
 4. “Ethical considerations in research are of significance to research”. With suitable examples, discuss the rationale for ethical considerations in educational research. [15 marks]
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