

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF POSTGRADUATE DIPLOMA IN
EDUCATION**

PGDE 743: RESEARCH METHODS IN EDUCATION

STREAMS: PGDE (PT)

TIME: 3 HOURS

DAY/DATE: WEDNESDAY 27/12/2023

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Do not write on the question paper**
- **Answer question one and any other two questions**

1. a) Explain the following terms as used in research methods.

i) Applied research	(10 marks)
ii) Pure research	
iii) Causal comparative research	
iv) Stratified random sampling	
v) Descriptive survey	

b) Discuss five non probability sampling procedure in research. (10 marks)
c) Explain five ethical issues that you have to adhere to when carrying out a research study. (10 marks)
d) State five basic steps in a scientific research. (10 marks)
2. a) Discuss five types of probability sampling procedures. (10 marks)
b) Analyze the Solomon four group research design. (5 marks)

3. a) Analyze how you would do a sampling procedure and sample size in a study you are carrying out on effects of Drug Abuse on learners in secondary schools in Kenya.

(10 marks)

- b) Describe five characteristics of a scientific research.

(5 marks)

4. a) Show the relationship that should be seen in the title of a research, objectives of a study, literature review, research tools, data analysis and conclusions in a research study.

(10 marks)

- b) Explain the factors you would look for to determine that an experimental research was well designed.

(5 marks)

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