

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS  
RESIT/SPECIAL EXAMINATION**

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

**PGDE 743: RESEARCH METHODS IN EDUCATION**

**STREAMS: PGDE**

**TIME: 2 HOURS**

**DAY/DATE: THURSDAY 04/11/2021**

**8.30 A.M – 10.30 A.M.**

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**INSTRUCTIONS:**

- Answer question one and any other three questions
- Do not write anything on this question paper

1. (a) Explain the following terminologies as used in research methods in education

(10 Marks)

- Scientific research
- Descriptive survey
- Stratified random sampling
- Purposive sampling
- Parsimony

(b) Discuss the value of research in our modern and vast changing world. (14 marks)

(c) Explain the basic steps you would take in conducting a scientific research process

(16 Marks)

2. Discuss the significance of research in our evolving society (20 Marks)

3 (a) explain the characteristics of a scientific research (10 Marks)

(b) Discuss five types of non –probability sampling techniques you would use when conducting Research (10 marks)

4. Analyse the criteria you would use in conducting a well-designed Experimental research.

(20 Marks)

5. (a) discuss the ethical issues you are bound to adhere to when conducting a research.

(12 Marks)

(b) Explain four probability sampling techniques you would consider using when conducting a research.

(12 Marks)

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