



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER

SCHOOL OF EDUCATION

MASTER OF EDUCATION

COURSE CODE: ERE 8194

COURSE TITLE: RESEARCH METHODS I

DATE: 18/04/2023

TIME: 1100-1400 HRS

INSTRUCTIONS TO CANDIDATES

Answer Question **ONE** and any other **TWO** questions

*This paper consists of **two** printed pages. Please turn over.*

Question 1

- a) Explain the role of the following components of educational research process:
- i) purpose of the study **(5 marks)**
 - ii) statement of the problem **(5 marks)**
- b) Discuss non-scientific inquiry as source of knowledge. **(10 marks)**
- c) Distinguish between the rationalistic methods of inquiry and scientific research methods in educational research. **(10 marks)**

Question 2

- a) Explain four importance of conceptual framework in educational research. **(8 marks)**
- b) Demonstrate four roles of theoretical framework in educational research. **(7 marks)**

Question 3

- a) Advance seven arguments in support of the view that review of related literature is an integral part of educational research.

(7 marks)

- b) Explain four mechanisms you would put in place to ensure internal validity of the results of experimental research design. **(8 marks)**

Question 4

4. a) You are carrying out research to determine prevalence of examination cheating in your county. Discuss four methods you would employ to collect data using questionnaires. **(8 marks)**
- b) Research paradigms guide research in different ways. Discuss two predominant paradigms used in educational research. **(7 marks)**

Question 5

- a) Explain four probability sampling techniques in educational research. **(8 marks)**
- b) Discuss relevancy of non-probability sampling techniques in educational research **(7 marks)**

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