



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER

**SCHOOL OF EDUCATION
MASTER OF EDUCATION**

COURSE CODE: ERE 8194

COURSE TITLE: RESEARCH METHODOLOGY

DATE: 30TH MARCH, 2022

TIME: 0830-1030

INSTRUCTIONS TO CANDIDATES

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

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

1. a) Explain the term research question as used in research. (6 marks)
b) Describe the properties of scientific research. (8 marks)
c) Demonstrate the weaknesses of non-scientific inquiry. (8 marks)
d) Explain the purposes of scientific research. (8 marks)
2. a) Identify four research designs and demonstrate how they are applicable in quantitative research in education. (7 marks)
b) Explain the role of literature review in educational research. (8 marks)
3. a) Critique five probability sampling techniques used in educational research. (8 marks)
b) Describe the characteristics of a good research problem. (7 marks)
4. a) Identify four threats to internal validity of experimental research design and explain their control measures. (8 marks)
b) Explain the necessity of operational definition of terms in educational research. (7 marks)
5. a) Examine the relevancy of conceptual framework in educational research. (8 marks)
b) Discuss the different ways of presenting questionnaire during data collection in educational research. (7 marks)

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