



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATION

2022/2023 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER

SCHOOL OF EDUCATION

BACHELOR OF EDUCATION

COURSE CODE: ERE 3103-1

**COURSE TITLE: INTRODUCTION TO
EDUCATIONAL RESEARCH**

DATE: 2ND DECEMBER, 2022

TIME: 0830-1030

INSTRUCTIONS TO CANDIDATE

Answer question 1 (ONE) and any other two questions

This paper consists of 2 printed pages. Please turn over

- 1 (a) Distinguish between validity and reliability of an Empirical Research (4mks)
- (b) Explain two measurement scales that are commonly used when preparing a data collection tool in Empirical research. (4mks)
- (c) Explain ways in which you can conduct simple random sampling from a population (4mks)
- (d) State any four types of research design that are commonly applied in educational research. (4mks)
- (e) Explain the procedures you would apply when analyzing data in qualitative research paradigm (4mks)
2. (a) Citing relevant examples distinguish between a theory and a concept in the context of educational research (5mks)
- (b) Discuss five possible procedures you would use when conducting a Quasi-Experimental Research in education. (10mks)
3. (a) Distinguish between discrete and continuous variables (5mks)
- (b) Examine five ethical and moral considerations commonly considered when conducting research in education (10mks)
4. Distinguish between qualitative and quantitative research paradigms in the light of
- (i) Definition (3mks)
 - (ii) Research designs (types) (3mks)
 - (iii) Sampling techniques (3mks)
 - (iv) Samples (3mks)
 - (v) Data collection tools (3mks)
5. (a) Identify and explain three categories of variables commonly found in educational research (5mks)
- (b) Differentiate between questionnaire and interview guide as applied in educational research process. (10 marks)

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