



MAASAI MARA UNIVERSITY
REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
FIRST YEAR FIRST SEMESTER

SCHOOL OF EDUCATION
DOCTOR OF PHILOSOPHY (PHD) IN
EDUCATION

COURSE CODE: ERE 9100

**COURSE TITLE: RADVANCED RESEARCH
METHODOLOGY**

DATE: 05/6/2024

TIME: 0830-1030HRS

INSTRUCTIONS TO CANDIDATES

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

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

1. (a) Epistemology and research are intertwined. Discuss three ways in support of the statement. **(6 Marks)**

(a) Describe three major sections of research report in chapter four of a thesis. **(6 Marks)**

(c) Give an overview of three research designs that can be used in qualitative studies. **(6 Marks)**

(d) Describe three ways of using research as a tool for problem-solving in education sector. **(6 Marks)**

2. (a) Explain three ways to ensure validity in educational qualitative research. **(6 Marks)**

(b) Explain two ways to ensure reliability in educational qualitative research. **(4 Marks)**

(c) Demonstrate four ways how research is relevant to program evaluation. **(8 Marks)**

3. (a) Describe five fundamental elements of a project cycle. **(10 Marks)**

(b) Discuss four moral issues that come up during project management and planning. **(8 Marks)**

4. (a) The main focus of research is the research Question. Research lacks direction, concentration, and purpose in the absence of a question. In five points discuss this claim in light of undertaking literature review for educational research. **(10 Marks)**

(b) The American Psychological Association (APA) style of citation is widely accepted in the social sciences and education. With illustrations cite four commonly used APA rules as per the 7th edition. **(8 marks)**

5 (a) Explain five techniques for gathering data that are employed in quantitative research. **(10 Marks)**

(b) Explain how to apply four statistical methods that are useful for analyzing research data. **(8 Marks)**

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