



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

MAIN EXAMINATION

UNIVERSITY EXAMINATIONS

2021 /2022 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATIONS

FOR

**THE MASTER OF EDUCATION DEGREE
(GUIDANCE AND COUNSELLING)**

COURSE CODE: PSY 812

COURSE TITLE: RESEARCH METHODS 1

DATE: 21 /04/2022

TIME: 9:00 AM– 12:00PM

INSTRUCTIONS TO CANDIDATES

ANSWER ANY FOUR (4) QUESTIONS

TIME: 3 HOURS

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

QUESTION ONE

Qualitative research and quantitative research paradigms have key areas of distinction. Distinguish the two paradigms. (15 marks)

QUESTION TWO

Review of related literature is a fundamental component of any research. Discuss (15 marks)

QUESTION THREE

Quality assurance of research instruments is critical in any study. Explain how a researcher ensures reliability of instrument of data collection. (15 marks)

QUESTION FOUR

Preliminary findings show that the 2020 Kenya Certificate of Secondary education (KCSE) faced several challenges mainly gender, guidance and counselling and regional inequalities in Kenya. As an expert in educational psychology, you have been appointed by the Ministry of Education (MoE) to establish the main variables causing gender inequality in academic performance. To develop your proposal, use the following headings: Appropriate title of the study, Statement of the problem, Two (2) research objectives and Research methodology. (15 marks)

QUESTION FIVE

Peter and Jane are experts in educational psychology. They design study whose purpose is to explore how online learning is experienced by university students, and also understand how these students perceive what lecturers do to facilitate the process of learning. Justify the appropriate qualitative research design for the study, stating three (3) most appropriate research questions for the study. Explain sampling design as well as three (3) main data collection techniques for the study. (15 marks)

QUESTION SIX

Sustainable Goal No.4 seeks to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. Some of the targets in achieving this goal by 2030 include Universal primary and secondary education, Gender equality and inclusion, Universal youth literacy and Education for sustainable development and global citizenship. Explain how research can assist the government and the country in general to achieve the target by 2030. (15 marks)