(University of Choice)

# MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

## MAIN EXAMINATION

## UNIVERSITY EXAMINATIONS

## 2023/2024 ACADEMIC YEAR

## FIRST YEAR THIRD TRIMESTER EXAMINATIONS

## FOR THE DEGREE

## OF

## MASTER OF EDUCATION IN EDUCATIONAL PSYCHOLOGY

**COURSE CODE:** PSY 812

**COURSE TITLE:** RESEARCH METHODS 1

**DATE:** TUESDAY 6TH AUGUST 2024 **TIME:** 9AM-12NOON

**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**

Using a research topic in your area of specialization, identify and justify the aspects of literature review. (15 marks)

**QUESTION TWO**

The main objective of a research proposal is to clearly convey the plan on how the proposed research will be carried out. Identify and briefly explain the main components/sections of a research proposal. (15 marks)

**QUESTION THREE**

Discuss the main aspects that point to the differences between quantitative and qualitative methods in the research process. (15 marks)

**QUESTION FOUR**

No research can be conducted without instruments of data collection. Using a research topic of your choice:

a) Suggest three research objectives you would use to conduct your research on the topic. (3 marks)
b) Identify and justify the research instruments you would employ to achieve the research objectives on the topic. (12 marks)

**QUESTION FIVE**

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

**QUESTION SIX**

Ethical considerations are an unavoidable procedure in research.

a) Explain why research in educational psychology cannot be conducted without ethical clearance (5 marks)
b) Identify and explain key aspects of ethical considerations that you would employ before collecting data in a study in educational psychology. (10 marks)