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(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

DOCTORATE OF EDUCATION IN EDUCATIONAL PSYCHOLOGY

COURSE CODE: **PSY 902**

COURSE TITLE: **ADVANCED 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)