(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

MAIN EXAMINATION

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

FOUR YEAR FIRST SEMESTER EXAMINATIONS

FOR THE DEGREE

OF

BACHELOR OF EDUCATION IN EARLY CHILDHOOD EDUCATION

COURSE CODE: ~~EYE~~ ECD 403

COURSE TITLE: RESEARCH METHODS AND FAMILY STUDIES

DATE: 20ᵀᴴ DECEMBER 2023   **TIME: 9-11AM**

INSTRUCTIONS TO CANDIDATES

Answer QUESTION ONE (1) AND ANY OTHER TWO (2) QUESTIONS

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

QUESTION ONE

a) Discuss the difference between qualitative and quantitative research. (9 marks)

b) Describe two (2) research designs, listing one advantage and one disadvantage of each. (8 marks)

c) Explain three (3) methods used in probability sampling procedures. (6 marks)

d) Discuss the significance of educational research in ECD programs. (7 marks)

QUESTION TWO

a) For every research to be successful, research ethics is crucial. Discuss. (10 marks)

b) Explain five (5) challenges a researcher is likely to encounter during the research process. (10 marks)

QUESTION THREE

a) State three (3) significance of a research proposal (3 marks)

b) Discuss the structure and content of chapter three (3) of your proposal. (17 marks)

QUESTION FOUR

a) What is your understanding of literature review? (2 marks)

b) Discuss any five (5) purposes of literature review. (10 marks)

c) Literature review is important in any research. State and give the pros and cons of any four sources of literature. (4 marks)

d) Rearrange this reference information following the APA 7th edition format.
   Educational research, competences for analysis and application, 2nd edition, Ohio: Merill Publishing Company, 1992, Gay L. (4 mks)

QUESTION FIVE

a) Basic elements are an important part of research methods. Explain the following elements of research:
   i. Independent variable (3 marks)
   ii. Sample size (3 marks)
   iii. Target population (3 marks)
   iv. Ehical considerations in research (3 marks)

b) Describe two (2) methods a researcher can use to ensure reliability of research instruments (8marks)