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(University of Choice)

**MASINDE MULIRO UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

SPECIAL/SUPPLEMENTARY EXAMINATION

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

**FOURTH YEAR FIRST SEMESTER EXAMINATIONS
FOR THE DEGREE
OF**

**BACHELOR OF EDUCATION
(EARLY CHILDHOOD EDUCATION)**

COURSE CODE: ECD 403

COURSE TITLE: RESEARCH AND FAMILY STUDIES

DATE: 28TH JULY 2022

TIME: 2:00 -4:00 PM

INSTRUCTIONS TO CANDIDATES

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

TIME: 2 HOURS

MMUST observes ZERO tolerance to examination cheating

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

QUESTION ONE

- 1a) Define the following terms (5marks)
- i) An extraneous variable
 - ii) Problem statement
 - iii) Hypothesis:
 - iv) Pilot study
 - v) Informed Consent
- b) Evaluate the role of research in the education sector in Kenya. (5 marks)
- c) Review five probability sampling procedures used in the selection of samples in research. (5 marks)
- d) Review of related literature is a fundamental component of a study. Discuss (5 marks)
- e). Explain five types of reliability used in a research study. (5 marks)
- f) Suggest reasons sampling procedure used to select the sample. (5 mks)

QUESTION TWO

- a) Describe methods used to collect data in a study (10mks)
- b) Describe the ethical considerations would you observe as you conduct a study? (10 mks)

QUESTION TWO

- a) Discuss four types of Questionnaires used in survey (10 mks)
- b) Explain five Merits of telephone survey (10 mks)

QUESTION THREE

- a) Discuss the content of chapter one of A research project (10 mks)
- b) Describe five qualities of a good Interview schedule (10 mks)

QUESTION FIVE

Research approaches are divided into qualitative, quantitative, and mixed methods. Explain any two (2) of these approaches and the purpose they serve. (20 marks)