



**MASINDE MULIRO UNIVERSITY OF SCIENCE AND
TECHNOLOGY (MMUST)
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR
FIRST YEAR SECOND SEMESTER EXAMINATIONS**

MAIN EXAM

FOR

**THE CERTIFICATE IN EDUCATION
(EARLY CHILDHOOD EDUCATION)**

COURSE CODE: ECD 013

COURSE TITLE: INTRODUCTION TO RESEARCH

DATE: 25/04/2022

TIME: 12:00 -2:00 PM

INSTRUCTIONS TO CANDIDATES

Answer Question **One** and any other **Two** questions

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

Question 1

- a) Define research(3mks)
- b) Identify the two types of research (2mks)
- c) State any five characteristics of research(5mks)
- d) Explain the three measurement scales of data (6mks)
- e) Differentiate between primary data and secondary data (4mks)
- d) State the three main types of variables in research(3mks)
- e) Define the term ethics in research (2mks)
- f) Give any five sources of knowledge in research (5mks)

Question 2

- a) Describe any five methods of data collection(10mks)
- b) Evaluate the different methods of quantitative data analysis (10mks)

Question 3

- a) State any four general types of research (4mks)
- b) Outline any three disadvantages of simple random sampling (6mks)
- c) Describe any five sampling methods (10mks)

Question 4

- a) Evaluate any five types of research in ECDE (10mks)
- b) Outline the process of data analysis. (10mks)

Question 5

- a) Describe the steps involved in reporting research information (10mks)
- b) Describe the different research projects in ECDE (9mks)