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(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)
UNIVERSITY EXAMINATIONS (MAIN PAPER)
2023/2024 ACADEMIC YEAR**

THIRD YEAR FIRST SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF
MASTER OF SCIENCE/PUBLIC HEALTH AND DOCTOR OF
PHILOSOPHY IN SCHOOL OF PUBLIC HEALTH BIOMEDICAL
SCIENCES AND TECHNOLOGY**

COURSE CODE: BML811/911

**COURSE TITLE: ADVANCED RESEARCH METHODOLOGY
AND BIOETHICS**

DATE: 11TH DECEMBER 2023

TIME: 8.00-11.00AM

INSTRUCTIONS TO CANDIDATES

Answer all questions. **DO NOT WRITE ON THE QUESTION PAPER**

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over

1. Elucidate on how we know things [20 Marks]
2. What are the Philosophical assumptions of quantitative research and their examples of use in practice [20 Marks]
3. Giving real life examples demonstrate how you can apply the descriptive, relational and causal research questions [20 Marks]
4. Design a study using the factorial design [20 Marks]
5. Select one type of qualitative research approach, demonstrate how you will integrate it with an experimental design [20 Marks]