



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

(MAIN CAMPUS)

**UNIVERSITY EXAMINATIONS (SUPP/SPECIAL)
2020/2021 ACADEMIC YEAR**

FIRST YEAR FIRST SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF
MASTER OF SCIENCE, MEDICAL LABORATORY SCIENCES**

COURSE CODE: BML 811

COURSE TITLE: ADVANCED RESEARCH METHODOLOGY

DATE: 25TH JULY 2022

TIME: 8.00 -10.00 AM

INSTRUCTIONS TO CANDIDATES

This examination paper contains five questions of 25 marks each. Answer QUESTIONS ONE and any other THREE questions. Illustrate your answers with labeled diagrams where appropriate.

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over

QUESTIONS

1. Critique study hypothesis and research questions in research reports and articles (25 marks)
2. Discuss the advantages and disadvantages of mixed research designs (25 marks)
3. Describe the different sources of data for research (25 marks)
4. Describe the non-probability research designs (25 marks).
5. Write the essential elements required in a Method Section for an intervention research study (25 marks).