



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

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2023/2024 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS**

**FOR  
MASTER OF SCIENCE DEGREE IN HEALTH PROFESSIONS  
EDUCATION**

**COURSE CODE: HPE 825**

**COURSE TITLE: RESEARCH METHODS AND PROPOSAL WRITING II**

**DATE: Monday 4<sup>th</sup> December 2023**

**TIME: 8:00 - 11:00 AM**

**INSTRUCTIONS TO CANDIDATES**

**There are five (5) questions in total**

- 1. Question one is compulsory**
- 2. Answer four questions only**
- 3. Start each question on a fresh page of the answer booklet**

**TIME: 3 HOURS**

MMUST observes ZERO tolerance to examination cheating

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

**Question one**

Discuss five principles and procedure of conducting review of literature (25 marks)

**Question two**

Discuss five factors of consideration that the researcher must pay attention to while developing a sampling design ( 25 marks)

**Question two**

Describe five types of measurement scales used in research (25 marks)

**Question three**

After qualifying with MSc. Health Professions Education, the local county Government hires you as researcher assistant You are been tasked to conduct current research on *Infectious diseases* which is the prevailing problem in the World. Therefore, discuss steps that should followed by a researcher during research proposal writing and development in order to win a grand to under the said task (25 marks)