



*University of Choice*

**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY (MMUST)  
MAIN CAMPUS  
UNIVERSITY EXAMINATIONS  
MAIN EXAMINATION  
2023/2024 ACADEMIC YEAR  
FIRST YEAR FIRST TRIMESTER EXAMINATIONS  
FOR THE DEGREE OF  
MSC. MEDICAL DIETETICS**

**COURSE CODE: HMD 806**

**COURSE TITLE: BIOETHICS AND BIOSAFETY IN HUMAN RESEARCH**

**DATE: 8<sup>TH</sup> FRIDAY DECEMBER 2023**

**TIME: 8.00 - 10.00 AM**

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***INSTRUCTIONS TO CANDIDATES***

1. Section 1, comprises of 6 essay type questions. Answer **ONLY FIVE**

TIME 3 Hours

MMUST observes ZERO tolerance to examination cheating.

This Paper Consists of 5 Printed Pages. Please Turn Over



**INSTRUCTIONS: QUESTION ONE IS MANDATORY THEN ATTEMPT ANY OTHER THREE FROM THE FOUR.**

1.Explain the significance of Bioethics in health, and inequality (25 marks)

2.Give a detailed account of the history and development of Bioethics (25 marks)

3. "In ethical philosophy, utilitarianism is a family of normative ethical theories that prescribe actions that maximize happiness and well-being for all affected individuals." Discuss (25 marks)

4.Outline Kenya's legal structure on intellectual properties and how it fits into the international arena (25 marks)

5.Tabulate the challenges for food safety, animal & plant health and biodiversity conservation and their mitigation (25 marks)

