



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)
UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR
FIRST YEAR EXAMINATIONS
FOR THE DEGREE
OF
MASTER OF SCIENCE IN NURSING**

COURSE CODE: NCT 8133

END OF TERM EXAM

COURSE TITLE: TRAUMA DISEASE & SYSTEMS OF CARE

DATE: 26TH JULY 2022 TIME: 8.00-11.00 A.M

INSTRUCTIONS TO CANDIDATE

- Write your registration no, on every piece of paper used. Do not write your name.
- Read carefully any additional instructions preceding each section.



MMUST observes ZERO tolerance to examination cheating

Instructions: Answer all the questions.

1. Outline the value of research and its role in refining Trauma Systems and emergency medical services (EMS) (20 Marks).
2. Discuss your role as Trauma Program Manager at accident and emergency department (20 marks).
3. With examples, provide the significance of continuous Performance Improvement (Quality Assurance) in Trauma Systems and care (20 marks)
4.
 - a. Discuss the relationship of trauma to energy, kinetics and biomechanics (10 marks).
 - b. Define the terms mechanism of injury and index of suspicion and explain their relationship to the nurse's assessment of trauma (10 marks).
5. Identify and discuss the components of Emergency Medical Service (EMS) (20 marks).