



*(University of Choice)*

**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(MMUST)  
UNIVERSITY EXAMINATIONS  
2021 / 2022 ACADEMIC YEAR  
SECOND YEAR SECOND TRIMESTER EXAMINATIONS  
FOR THE DEGREE  
OF  
MASTER OF SCIENCE IN NURSING (TRAUMA AND EMERGENCY)**

**COURSE CODE: NCT 8223**

**COURSE TITLE: COMMON MEDICAL EMERGENCIES**

**DATE: 25/04/2022 TIME: 11.30 AM - 2.30 PM**

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**INSTRUCTIONS TO CANDIDATE**

- Write your registration no, on every piece of paper used. Do not write your name.
- This paper has essay questions



MMUST observes ZERO tolerance to examination cheating

**Instructions: Answer all questions (100 marks)**

1. Describe the five mechanisms that cause hypoxemia (20 marks)
2. Describe the management of a patient who presents to the Emergency Department with tachycardia with pulse using the adult tachycardia algorithm (20 marks)
3. Discuss the stroke chain of survival and recovery (20 marks)
4. Discuss the pathophysiology, assessment and management of severe acute asthma (20 marks)
5. Describe the assessment and emergency management of a patient with anaphylaxis in the Emergency Department (20 marks)