



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

**UNIVERSITY EXAMINATIONS
2021 /2022 ACADEMIC YEAR
FIRST YEAR EXAMINATIONS
FOR THE DEGREE**

OF

MASTER OF SCIENCE IN TRAUMA AND EMERGENCY NURSING

COURSE CODE: NCT 8222

END OF TERM EXAM

COURSE TITLE: PAEDIATRIC EMERGENCIES

DATE: 25th April,2022 TIME: 8am to 11.00 am

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. Discuss Pediatric advanced Life support Algorithm and provide the elements of initial assessment (20 marks)
2. Explain the differences in the anatomy, physiology and pathophysiology of the pediatric patients as compared to the adult patient and their implications for an trauma and emergency nurse (20 marks)
3. Describe the pathophysiology, assessment and management of a neonate presenting with respiratory distress syndrome (RDS) (20 marks).
4. Malaria remains a serious illness in children accounting for over 48% of the mortality cases in Eastern Africa.
 - a). Describe the pathophysiology of Malaria (2 marks).
 - b). List SIX clinical features of Malaria (3 marks).
 - c). Outline FOUR complications of severe Malaria (4 marks).
 - d). Describe the nursing management of a child presenting with severe Malaria (11 marks).
5. Discuss the primary assessment of paediatric emergencies using the paediatric assessment triangle (20 marks).