



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

**MAIN EXAM**

**SCHOOL OF NURSING MIDWIFERY AND PARAMEDICAL SCIENCES (SONMAPS)**

**SPECIAL AND SUPPLEMENTARY EXAMINATIONS  
2021/2022 ACADEMIC YEAR  
FIRST YEAR SECOND SEMESTER**

**FOR THE DEGREE OF  
BACHELOR OF SCIENCE IN GLOBAL HEALTH  
& EMBRORIATICS**

**COURSE CODE:** NCG 123  
**COURSE TITLE:** GLOBAL HEALTH EPIDEMIOLOGY

**DATE: Wednesday 5th /October/ 2022**      **TIME: 3pm-6pm**

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**INSTRUCTIONS TO CANDIDATES**

All questions are compulsory

**DURATION: 3 Hours**

MMUST observes ZERO tolerance to examination cheating

This paper consists of THREE (3) printed pages. Please turn over

**SECTION A: SHORT ANSWER QUESTIONS (SAQS) 60 MARKS**

*Answer all the questions*

1. Define the epidemiological terms (8 Marks)
  - a. Endemic,
  - b. Epidemic
  - c. Pandemic
  - d. Outbreak
  - e. Incidence
  - f. prevalence
  - g. Reliability,
  - h. validity,
2. What are the reasons of studying global health epidemiology ( 5 Marks)
3. Discuss Ebola using the following headings
  - a. The causative agent and types ( 5 Marks)
  - b. Signs and symptoms (6 Marks)
  - b. Prevention and control (6 Marks)?
4. Describe the signs & symptoms, preventive and control measures of COVID 19 (9 Marks)
4. Describe Malaria, in terms of;
  - a. Causative agents (4 Marks)
  - b. Distribution (6 Marks)
  - c. Prevention and control (6 Marks)
5. Explain the factors that could be contributing to road traffic accidents in the word today (5 Marks)

**SECTION B: LONG ANSWER QUESTIONS (LAQS) 40 MARKS**

*Answer all the questions*

1. Describe the causative agents, signs & symptoms, risk factors, prevention and control measures of Ebola (20 marks)
2. Describe any 10 (ten) health care indicators (20 Marks)

END