



(University of Choice)

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

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

FOR 2023/2024 ACADEMIC YEAR

FIRST YEAR SECOND TRIMESTER MAIN EXAMINATIONS

FOR THE DEGREE

OF

BACHELOR OF SCIENCE IN MEDICAL SOCIAL WORK

COURSE CODE: NMS 127

**COURSE TITLE: NON-COMMUNICABLE AND LIFESTYLE
DISEASES**

DATE: 9/04/2024

TIME: 3PM – 6PM

INSTRUCTIONS TO CANDIDATES

THIS PAPER CONSISTS OF THREE SECTIONS A, B AND C

ANSWER ALL QUESTIONS

TIME: 3 HOURS

MMUST observes ZERO tolerance to examination cheating

8. A mason who has been in practice for 15 years complaining of "*gradually developing asthma*" is likely suffering from
- Silicosiderosis
 - Byssinosis
 - Aluminosis
 - Potter's rot
9. Stannosis is a disease caused by
- Heart condition
 - Inhaling dust containing tin oxide
 - Narrowing of the spinal cord
 - A condition of blood vessels
10. The recommended treatment/management for pneumoconiosis is
- Antibiotics
 - Surgery
 - Supportive management
 - Lung transplant
11. The chemical composition of sulfurous acid is
- H_2SO_3
 - H_2SO_4
 - H_3SO_2
 - H_4SO_2
12. Magnesium hydroxide is commonly found in which of the following home materials?
- Caustic potash
 - Bleach
 - Glacial acetic acid
 - Fireworks sparklers
13. Which of the following contain an alkali?
- Vinegar
 - Glass polisher
 - Caustic potash
 - Bleach
14. In diagnosing caustic burns caused by acids we look for
- Blackened or dead skin
 - The amount of tissue loss
 - Presence of the chemical
 - History of chemical use

Section B: Short Answer Questions (40 marks)

1. Explain the “*medico-legal significance*” in mechanical injuries **(8 marks)**
2. Explain the distinctive presentation of electrical discharge injuries **(8 marks)**
3. Describe the classification of burns considering the depth **(8 marks)**
4. Explain causes of therapeutic agent injury **(8 marks)**
5. State any *eight* 8 factors that predispose one to addiction **(8 marks)**

Section C: Long Answer question (20 marks)

1. Discuss factors contributing to the burden of NCDs in low and middle-income countries under:
 - a) Political **(5 Marks)**
 - b) Environmental **(5 Marks)**
 - c) Cultural **(5 Marks)**
 - d) Economic **(5 Marks)**
2. Discuss *lifestyle and diet* management of obesity **(20 marks)**.