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

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS**

**MAIN EXAM**

**2023/2024 ACADEMIC YEAR**

**FOURTH YEAR FIRST SEMESTER EXAMINATION**

**FOR THE DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT.**

**COURSE CODE: CHD 218**

**COURSE TITLE: INTRODUCTION TO NON-COMMUNICABLE DISEASES.**

**DATE: 15<sup>TH</sup> / 12 /2023**

**TIME: 9.00 - 11.00AM**

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**INSTRUCTIONS TO CANDIDATES:**

**Answer ALL questions in section A and any two questions in section B.**  
**TIME: 2 Hours**

MMUST observes ZERO tolerance to examination cheating

Paper Consists of 2 Printed Pages. Please Turn Over



**SECTION A (40 MARKS): ANSWER ALL QUESTIONS IN THIS SECTION, EACH QUESTION CONTAINS 4 MARKS.**

1. Outline 4 leading Non communicable diseases.( 4 mks )
2. Outline four determinants of health. .( 4 mks )
3. Differentiate between gestational diabetes and Diabetes type I.(4mks)
4. State four management strategies of Cancer. .( 4 mks )
5. Briefly explain 4 non-modifiable risks factors of Hypertension.( 4 mks)
6. Differentiate between modifiable and non-modifiable risks factors give example in each. .( 4 mks )
7. Differentiate between sarcoma and carcinoma. .( 4 mks )
8. Outline four strategies that Kenyan government can put in consideration to prevent the burden of road accidents in the country.( 4 mks )
9. As a community Health Worker, state four roles you will play in preventing and controlling Non-Communicable diseases in a community Unit. .( 4 mks )
10. Briefly explain four modifiable risks factor of Diabetes. .( 4 mks )

**SECTION B: ANSWER ANY TWO QUESTIONS IN THIS SECTION (30 MARKS).**

1. Explain the burden of cancer in Kenya to:
  - i) Education system.
  - ii) Kenyan Economy
  - iii) Household
2. Breast cancer have been a burden to Kenyan women population generally, discuss ten metabolic risks factors of this disease. (15 marks).
3. Mr. Mangeni has been experiencing heavy thirst, blurred vision, and frequent urination, he was then diagnosed and found to be pre-diabetic at Nairobi Women Hospital, discuss measures that he should take into consideration to prevent himself from getting Diabetes mellitus. (15 marks).