



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 DEGREE OF BACHELOR OF SCIENCE IN COMMUNITY HEALTH AND
DEVELOPMENT

COURSE CODE: HCD 413

COURSE TITLE: TROPICAL MEDICINE FOR PUBLIC HEALTH

DATE: 6.12.2023

TIME: 2.00-4.00 PM

INSTRUCTIONS TO CANDIDATES:

This paper has two sections: Section A and B. 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

1. Describe the four stages in the natural history of disease (4 marks)
2. Describe briefly what is meant by Non communicable diseases (4 marks)
3. Outline any four roles of disease surveillance as it applies to disease control (4 marks)
4. List any four vaccine preventable childhood illnesses, indicating their respective causative agent (4 marks)
5. List any four specific measures that can be applied in disease prevention (4 marks)
6. Explain the meaning of a cancer registry indicating its major purposes
7. Outline some of the barriers to non-communicable diseases surveillance systems (4 marks)
8. Outline the role of a laboratory in investigating epidemics (4 marks)
9. Describe a typical chain of infection for communicable diseases (4 marks)
10. With examples, write short notes on tropical medicine (4 marks)

SECTION B (30 marks): answer any two questions in this section

1. Outline six ways through which infectious agents and toxins can be transmitted (15 marks)
2. What are neglected tropical diseases? Describe four major strategies to combat these diseases: (15marks)
3. Describe the principles of control and prevention of diseases (15 Marks)