



MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

MAIN SEMESTER EXAMINATIONS

FIRST YEAR SECOND FIRST SEMESTER EXAMINATIONS

FOR THE DEGREE

OF

BACHELOR OF SCIENCE IN EPIDEMIOLOGY AND BIOSTATISTICS

COURSE CODE: PPE 111/PPC 114

COURSE TITLE: PRINCIPLES OF PUBLIC HEALTH/INTRODUCTION TO COMMUNITY HEALTH

DATE: 5 /11/2023

TIME: 11.00-1.00PM

INSTRUCTIONS TO CANDIDATES

- This paper consists of three (3) sections A, B and C
- Each section has relevant instructions. Read the instructions specific for each section carefully, and answer the questions accordingly

Section A: Answer all questions each question is 4 marks

1. Outline the factors influencing the health of a community
2.
 - a) Define Immunity
 - b) Name 3 factors influencing the level of innate immunity
3. List any four key principles of primary health care
4. Distinguish between Communicable and Non-Communicable diseases
5. . Name the contributions made by the following individuals in the field of Public Health
 - a) Bradford Hill (1937):
 - b) Hippocrates (460BC):
 - c) John Graunt (1662):
 - d) William Farr (1839):
6. Outline the reasons for the Alma–Ata conference in 1978
7. List at least four essential elements of dignified livelihoods.
8. State the importance of health promotion at community level.
9. Outline ANY four factors that limit the success of PHC.
10. State any 4 key duties of a community health volunteer (CHV)

SECTION B

Answer ANY 2 questions. Each question is 15 marks

1. Discuss the components of the epidemiologic triad of disease causation
2. Describe factors that affect the health of a community
3. Discuss how health services and systems are organized in Kenya