



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
END OF SEMESTER EXAMINATION
AUGUST 2026

UNIT CODE: CHP 221 **UNIT NAME:** NON-COMMUNICABLE DISEASES

DATE: XX AUGUST 2026

TIME: TWO Hours

Start:

Finish

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (30 marks)
Section B: Long Answer Questions (70 marks)

SECTION A: COMPULSORY (30 Marks)

Short Answer Questions

1. List three sources of morbidity data for Non-Communicable Diseases (NCDs). (3 marks)
2. With reference to cancer, state how the risk factors at different life stages contribute to disease development. (4 marks)
3. Outline the major categories of risk factors driving the NCD epidemic in Kenya. (4 marks)
4. State four challenges related to the quality and completeness of NCD surveillance data in developing countries. (4 marks)
5. State contribution of social media to the rise of mental distress among Kenyan youth. (4 marks)
6. State three roles of community-based interventions in addressing NCDs in resource-limited settings. (3 marks)
7. Highlight three manifestations of Congenital Heart Disease (CAD) in children. (3 marks)
8. Outline three complications associated with development of Hypertension. (3 marks)
9. List two contributions of risks and injuries to NCDs. (2 marks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

Long Answer Questions

10. With reference to the epidemiology of cardiovascular diseases (CVDs), discuss the following
 - a. The major behavioral, biological, and social risk factors for CVDs. (10 marks)
 - b. Screening programs currently practiced for CVD prevention and control. (5 marks)
 - c. The challenges faced by countries in implementing CVD control programs (5 marks)
11. A 52-year-old overweight patient presents with excessive thirst, frequent urination, fatigue, and unexplained weight loss. Using the information provided: -
 - a. State the likely diagnosis. (2 marks)
 - b. Describe the causes, risk factors of the above-named condition. (10 marks)
 - c. State four prevention and control measures for the disease condition. (8 marks)

10. You are the CEC of health in County X and you have been invited in a health forum on non-communicable diseases. Discuss

- a. Describe the public health policy and framework for NCDs in Kenya. (10 marks).
- b. The barriers encountered in implementation of these policies in Kenya today. (10 marks).

