



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
DIPLOMA IN COMMUNITY HEALTH
END OF SEMESTER EXAMINATION JAN-APRIL 2025**

DCHP 214: NON-COMMUNICABLE DISEASES

DATE: APRIL 2025

TIME: 2 HOURS

INSTRUCTIONS

1. This exam is marked out of 60 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (20 marks)
Section B: Long Answer Questions (40 marks)

SECTION A: COMPULSORY QUESTION (20 MARKS)

1. Define the term cardio-vascular diseases (CVDs) (1 Marks)
2. State three reasons why Hyperlipidemia is highly associated with Cardiac failure. (3 Marks)
3. Name four cardio-vascular diseases (CVDs) involving the blood vessels. (4 Marks)
4. Highlight two ways of management of Obesity (2 Marks)
5. Outline three risk factors to non-communicable diseases (NCDs) (3 Marks)
6. List the four types of Non-Communicable Diseases (NCDs) (4 Marks)
7. List three signs and symptoms of cardio-vascular diseases (CVDs) (3 Marks)

SECTION B: LONG ANSWER QUESTIONS (40 MARKS)

8. Hypertension is one of the most common NCD
 - a. What is Hypertension? (2 Marks)
 - b. State three causes of hypertension (3 Marks)
 - c. Describe five ways of management of high blood pressure (15 Marks)
9. Discuss the following types of diabetes in terms of their epidemiology, at high risk group, clinical presentation and management.
 - a. Diabetes type 1 (5 Marks)
 - b. Diabetes Type 2 (5 Marks)
 - c. Prediabetes (5 Marks)
 - d. Gestational diabetes (5 Marks)
10. Explain the following social determinants of Non-Communicable Diseases.
 - a. Genetics (5 Marks)
 - b. Behavioural (5 Marks)
 - c. Occupational (5 Marks)
 - d. Biological (5 Marks)