



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH/HEALTH SYSTEMS MANAGEMENT
AND DEVELOPMENT
BACHELOR OF SCIENCE IN COMMUNITY HEALTH/ HEALTH SYSTEMS
MANAGEMENT AND DEVELOPMENT
END OF SEMESTER EXAMINATION APRIL 2024

UNIT CODE: CHP134 **UNIT NAME:** PRINCIPLES OF ENVIRONMENTAL HEALTH

DATE: April 2024

TIME: TWO Hours **Start:** 16:30Hours **Finish:** 18:30Hours

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)

QUESTION ONE

- a) Define Environmental health. (3 Marks)
- b) Describe what is meant by the term community (3 Marks)
- c) Outline four classifications of the environment (4 Marks)
- d) Describe how housing affects health (5Marks)
- e) State four reasons of food inspection in public health (4 Marks)
- f) Highlight how Health promotion in the workplace improves company productivity. (4 Marks)
- g) Outline the aims of wastewater treatment (3 Marks)
- h) Describe the classes of Liquid waste (4 Marks)

SECTION B: ANSWER ANY TWO (2) QUESTIONS (40 Marks)

QUESTION TWO

Kimamo community residents have been experiencing illness related to water contamination. Discuss the classification of illnesses according to water contaminants. (20 Marks)

QUESTION THREE

Miradi Village experienced a disaster from a gas plant explosion. As a public health professional, discuss the role you would have played in managing this disaster. (20 Marks)

QUESTION FOUR

Cities in developing countries face challenges of solid waste management. Discuss;

- a) The importance of managing solid waste (10 Marks)
- b) The health implication (6Marks)
- c) Environmental implication (4 Marks)