



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH**

DEPARTMENT OF COMMUNITY HEALTH

BACHELOR OF SCIENCE IN COMMUNITY HEALTH PRACTICE

END OF SEMESTER EXAMINATION MAY-AUGUST 2026

UNIT CODE: CHP 213

UNIT NAME: COMMUNICABLE DISEASES

(Out of 70 Marks)

TIME: TWO Hours Start: 5:30PM Finish: 7:30PM
6TH AUGUST 2026

INSTRUCTIONS

- 1) This exam is marked out of 70 marks**
- 2) This exam comprises of two sections**
 - ✓ Section A: Compulsory questions (30marks)
 - ✓ Section B: Choose Two questions (each question is 20marks)

SECTION A: ANSWER ALL QUESTIONS

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1. Identify **FIVE** primary prevention measures used in communicable disease control (**5 marks**)
 2. Outline **FIVE** characteristics of communicable diseases (**5 marks**).
 3. State **FIVE** advantages of immunization in communicable disease prevention and control (**5 marks**)
 4. Outline **FIVE** roles of community health promoters in the prevention and control of communicable diseases (**5 marks**).
 5. State **FIVE** environmental factors that contribute to the spread of communicable diseases (**5 marks**)
 6. Outline **FIVE** host factors that influence the occurrence and severity of communicable diseases (**5 marks**)

SECTION B

Answer any TWO questions from this section

QUESTION 7

A.

A peri-urban community is experiencing a cholera outbreak. Discuss FIVE measures that the local public health team should implement to break the chain of infection and control the outbreak **(10 marks)**

B.

In recent decades, the world has witnessed outbreaks of emerging diseases such as COVID-19 and mpox, alongside the re-emergence of diseases such as cholera, measles, and tuberculosis. Using relevant examples, discuss FIVE factors that contribute to the emergence and re-emergence of communicable diseases globally **(10 marks)**.

QUESTION 8

A.

Explain the patterns of disease occurrence under the following headings:

- i. Endemic diseases (2 marks)
- ii. Epidemic diseases (2 marks)
- iii. Pandemic diseases (2 marks)
- iv. Holoendemic Disease (2 marks)
- v. Hyperendemic Disease Occurrence (2 marks)

B.

Following flooding in a refugee settlement, health workers have reported an increase in cases of respiratory infections and diarrhoeal diseases. Based on the situation described, examine FIVE factors that may have increased the susceptibility of camp residents to communicable diseases **(10 marks)**

QUESTION 9

A.

Following a school event, several students develop symptoms consistent with food poisoning. The County Health Department initiates an outbreak investigation. Describe the key steps that the investigation team should follow to determine the source of the outbreak and prevent further cases **(10 marks)**

B

A county referral hospital has observed that many patients with bacterial infections are not responding to commonly prescribed antibiotics, raising concerns about Antimicrobial Resistance (AMR). Based on the scenario, recommend FIVE measures that can be implemented to prevent and control AMR **(10 marks)**