



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS
BSc IN HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
SUPPLEMENTARY /SPECIAL EXAMINATIONS – MARCH 2024

UNIT CODE: HMD 124

UNIT NAME: PRINCIPLES OF PUBLIC HEALTH.

DATE: March, 2024

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)

SECTION A (30 MARKS)

1. Define the following terms
 - a) Environmental health (2 marks)
 - b) Community health (2 marks)
 - c) Incidence (1 marks)
 - d) prevalence (1 marks)
 - e) Endemic (1 marks)
 - f) Epidemic (1 marks)
 - g) Pandemic (1 marks)
 - h) Mortality (2 marks)
 - i) Morbidity (2 marks)

j) Epidemiology

(2 marks)

2. Outline the difference between disease prevention and health promotion. **(5 marks)**
3. Highlight the types of modes of transmission of communicable diseases. **(5 marks)**
4. Briefly Explain the term personal hygiene. **(5 marks)**

SECTION B (40 MARKS)

5. Describe the components of a pit latrine, also stating its advantages. **(20 marks)**
6. Explain the mode of transmission of malaria and its control measures. **(20 marks)**
7. Explain the difference between communicable and non-communicable diseases with four examples in each case. **(20 marks).**

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