



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH**

DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT

**BACHELOR OF SCIENCE IN HEALTH SYTEM MANAGEMENT AND
DEVELOPMENT**

END OF SEMESTER EXAMINATIONS MAY - AUGUST 2024

COURSE CODE AND TITLE: HMD 124: PRINCIPLES OF PUBLIC HEALTH

Date: August 2024

Time: 2 Hours

Start:

Finish:

Instructions

- 1) This paper has two sections: Section A, Section B
- 2) Answer **ALL** questions in Section A (30 Marks)
- 3) Choose two questions in Section B. (40 Marks)
- 4) Use the University examination booklets provided
- 5) Re-writing the questions on your answer sheet is unnecessary

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. List five (5) uses of public health data (5 mks)
2. Explain five (5) determinants of individual health (5 mks)
3. Outline five population-based health indicators (5 mks)
4. Define the following (5 mks)
 - (i) Population health
 - (ii) Health promotion
 - (iii) Epidemiology
 - (iv) Public health
 - (v) Health infrastructure
5. List five (5) key stakeholders in health (5mks)
6. Outline five (5) essential services in public health (5 mks)

SECTION B: ATTEMPT ANY TWO QUESTIONS (40 MARKS)

7. Health disparities denote variations in health outcomes or disease burdens observed among different demographic or social groups. Describe ten causes of health disparities.
(20 mks)
8. Population-based health indicators are measures used to assess the health status and well-being of a community or population.
 - (i) Describe five indicators of individual health (10 mks)
 - (ii) Describe five indicators of population health (10 mks)
9. Discuss, citing relevant examples, ten challenges faced in public health practice
(20 mks)