



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
DEGREE OF SCIENCE IN COMMUNITY HEALTH
END OF SEMESTER EXAMINATION AUGUST 2025

UNIT CODE:HMD 422 **UNIT NAME:** HEALTH SYSTEMS IN AFRICA
DATE: 15 August, 2025
TIME: TWO Hours **Start:** 4:30 PM **Finish:** 6:30 PM

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 (40 marks)

SECTION A: COMPULSORY (30 Marks). ANSWER ALL QUESTION

1. List three challenges to improving healthcare in Africa (3 marks).
2. Highlight five Components of Health Systems in Africa (5 marks).
3. Outline the characteristics of Primary Health Care according to the Alma-Ata Declaration (5marks).
4. List five major health financing challenges facing health systems in African countries (5marks).
5. Outline the differences between horizontal and vertical service delivery approaches (4marks).
6. Describe any three post-independence challenges in the African health systems (3 marks).
7. Highlight five reasons why prioritization in health systems is essential in African health policy (5 marks).

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

- 8.** Africa's high disease burden stems from a complex epidemiological landscape and neglected conditions all contributing significantly.
- Discuss the five major causes of disease burden in African countries (10 marks).
 - Social determinants shape health outcomes and disease distribution across African populations. Discuss the social determinants of health in African countries (10 marks).
- 9.** Health service delivery in Africa faces a fundamental tension between horizontal systems and vertical programs targeting specific diseases.
- Discuss the five strengths and challenges of horizontal vs. vertical health service delivery in Africa (10 marks).
 - Discuss five advantages of integrated healthcare, and disease specific programs approach (10 marks).
- 10.** Tackling Africa's disease burden effectively requires integrated strategies.
- Discuss five measures to reduce the burden of disease and strengthen health system in African settings (10 marks).
 - Discuss five factors contributing to unequal distribution of healthcare in Africa (10 marks).