



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BSC HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
END OF JANUARY-APRIL SEMSTER 2025 EXAMINATION

HMD 422: HEALTH SYSTEMS IN AFRICA

DATE: 8th APRIL 2025

TIME: 2 Hours **Start:** 9:00 am **Stop:** 11:00 am

INSTRUCTIONS TO CANDIDATES

1. Write your University registration number on every booklet that you use
2. Do not write on the question paper
3. This paper consists of Sections A and B
4. Section A is compulsory
5. Section B: Answer any **two (2)** Questions
6. Read carefully the additional instructions preceding each section

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

QUESTION ONE:

1. Define the following terms:

- a) Define epidemiology. **(2 marks)**
- b) State the significance of epidemiology in understanding health patterns in Africa. **(1 mark)**

QUESTION TWO:

Identify three social determinants influencing health in Africa. **(3 marks)**

QUESTION THREE:

- a. Enumerate three parameters used for measuring burden of disease. **(3 marks)**
- b. Give one policy justification why health systems managers should understand the disease burden in their area of jurisdiction. **(1mark)**

QUESTION FOUR:

Summarize three key goals of an effective health system. **(3 marks)**

QUESTION FIVE:

- a. Distinguish between horizontal and vertical health services delivery. **(3 marks)**
- b. Identify advantages of adopting a horizontal approach in health services delivery. **(2 marks)**

QUESTION SIX:

Outline three ways in which income inequality influences access to healthcare in Africa. **(3 marks)**

QUESTION SEVEN:

Explain three ways in which the quality of healthcare services affects demand in developing countries **(3 marks)**

QUESTION EIGHT:

Outline four roles primary healthcare plays in improving health outcomes in African context.

(4 marks)

QUESTION NINE:

Outline two major challenges facing health systems in Africa today.

(2 marks)

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

QUESTION ELEVEN:

- a. Discuss the strengths and weaknesses of Public Health and private health care systems in Africa. **(10 marks)**
- b. Deliberate on four benefits of adopting Public-Private Partnership (PPP) for Africa health systems. **(10 marks)**

QUESTION TWELVE:

Examine any four principles of health service delivery and their influence on health system performance citing real life examples. **(20 marks)**

QUESTION THIRTEEN:

- a. Assess the role of social determinants in shaping health inequalities in Africa **(10 marks)**
- b. Recommend four policy actions that you would implement to mitigate the negative impact of social determinants of health appraised in (a) above. **(10 marks)**