



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BSC COMMUNITY HEALTH PRACTICE
END OF THIRD SEMSTER EXAMINATION SEPTEMBER-DECEMBER 2025**

HMD 422 and CHP 412: Health Systems in Africa

TIME: Two (2) Hours

DATE: December 2025

Start:

Stop:

INSTRUCTIONS TO CANDIDATES

- 1) This exam is out of 70 marks
- 2) Section-A is compulsory with a Total of 30 Marks
- 3) Answer any TWO (2) questions in Section B

Read carefully the additional instructions preceding each section

SECTION A: ANSWER ALL QUESTIONS

(30 Marks)

1. Differentiate between a health system and a health care system. (4 Marks)
2. List four challenges in policy formulation and implementation in Africa. (4 Marks)
3. Explain the difference between morbidity and mortality using one example. (3 Marks)
4. a. Identify two social determinants of health in Africa. (2 Marks)
b. State how each of the determinants affects health outcomes. (2 Marks)
5. Describe the concepts of cost-effectiveness in health in health care. (3 Marks)
6. Distinguish between horizontal and vertical health service delivery models. (3 Marks)
7. List three major challenges facing health systems in Africa. (3 Marks)
8. Describe four key steps in the health policy formulation process. (3 Marks)
9. State two roles of health policies in strengthening health systems. (2 Marks)

SECTION B

LONG ANSWER QUESTIONS: ANSWER ANY TWO (2) QUESTIONS (40 Marks)

10. Discuss five roles of social determinants in shaping health disparities in African communities. (20 Marks)
11. (a) Compare and contrast the Biomedical Model and the Biopsychosocial Model of health. (10 Marks)

(b) Imagine you are a health systems manager in a rural health facility. Discuss why you would adopt Biopsychosocial to improve access to health services. (10 Marks)
12. Examine four barriers to accessing essential medicines and health technologies in African health systems. (20 Marks)