



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

**HMD 115: Foundation of Health Systems**

**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: SHORT ANSWER QUESTIONS. ANSWER ALL QUESTIONS**

**(30 Marks)**

1. Enumerate three functions of a health system. (3 marks)
2. Identify three principles that guide effectiveness of health systems. (3 marks)
3. State three objectives of health systems management. (3 marks)
4. Mention three conditions necessary for effective health systems management. (3 marks)
5. List three characteristics of a functional and responsive health system. (3 marks)
6. Identify three principles of effective health service delivery. (3 marks)
7. a. Define systems thinking. (1 mark)  
b. List two reasons why health systems thinking is important in health systems strengthening. (2 marks)
8. Name three skills required for applying systems thinking in health. (3 marks)
9. Mention three challenges facing health systems in Africa today. (3 marks)
10. List three types of organisational arrangements found in African health systems. (3 marks)

**SECTION B**

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

11. Describe four similarities and four differences between centralized and decentralized structures in health systems. (20 marks)
12. Discuss five ways in which health information systems support decision-making in health systems. (20 marks)
13. Explain five roles of health financing in achieving universal health coverage. (20 marks)