



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
MASTER OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT
END OF SEMESTER EXAMINATION JANUARY-APRIL 2026

UNIT CODE: HSM 716

UNIT NAME: Monitoring & Evaluation

PAPER 1

DATE: XX April, 2026

TIME: Three Hours

Start: 4:00 PM

Finish: 7: 00 PM

INSTRUCTIONS

1. This exam is marked out of 100 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (25 marks)
Section B: Long Answer Questions (75 marks)

SECTION A: COMPULSORY (25 MARKS)

Answer ALL questions in this section.

1. (a) Define **Monitoring** and **Evaluation** (2 marks)
2. (b) Distinguish between the two concepts in (a) above. (3 marks)
3. Explain **FIVE principles of an effective Monitoring and Evaluation system.** (5 marks)
4. Describe **FIVE characteristics of good performance indicators.** (5 marks)
5. Outline **FIVE key functions of Monitoring and Evaluation in strengthening health systems.** (5 marks)
6. Describe **FIVE ethical considerations in Monitoring and Evaluation practice.** (5 marks)

SECTION B: LONG ANSWER QUESTIONS (75 MARKS)

Answer ANY THREE (3) questions. Each question carries 25 marks.

6. a) Compare Logical Framework Approach (LFA) and Results Framework, highlighting five key differences in their structure and application. (10 marks)

b) Using a public health programme of your choice, design a logical framework matrix showing:

- Goal (2 marks)
- Purpose (2 marks)
- Outputs (2 marks)
- Key activities (3 marks)
- Objectively verifiable indicators (3 marks)
- Means of verification (3 marks)

7. a) Describe five essential characteristics of good programme indicators, illustrating each with a relevant example. (10 marks)

b) Outline five systematic steps involved in selecting appropriate indicators for a health programme. (5 marks)

c) Using a results chain model, develop two indicators at each level (input, output, outcome, impact) for a programme of your choice. (10 marks)

8. a) Describe five major data sources used in Monitoring and Evaluation, illustrating their application in public health programmes. (10 marks)

b) Analyse five common challenges affecting data quality in M&E systems and propose practical strategies for addressing each challenge. (10 marks)

c) Explain the role of data quality assurance mechanisms in strengthening health system decision-making. (5 marks)

9. a) Outline five key elements of a comprehensive M&E plan. (5 marks)

b) Using a health programme of your choice develop a structured M&E plan showing:

- Programme description (3 marks)
- Results framework (3 marks)
- Indicators (3 marks)
- Data sources (3 marks)
- Data collection methods (3 marks)
- Reporting mechanisms (3 marks)

- Feedback and utilization strategy (2 marks)

10. a) Analyse five key ways in which M&E findings contribute to health systems strengthening. (10 marks)

b) Examine the role of stakeholders in M&E data collection, dissemination, and utilization at community, facility, county, and national levels. (15 marks)

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