



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND
DEVELOPMENT
END OF SEMESTER EXAMINATION JANUARY-APRIL 2026
CHP 413/HMD 414 MONITORING AND EVALUATION

TIME: Two Hours
Date : April 2026
TIME : Two (2) Hours Start-----End.....

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 (30 MARKS)

Answer ALL the questions in this section. Each question carries 5 marks.

1. State FIVE key principles of monitoring and evaluation. (5 marks)
2. Outline FIVE characteristics of a good performance indicator.(5 marks)
3. Identify FIVE major sources of data used in monitoring public health programmes.(5 marks)
4. State FIVE core components of a functional monitoring and evaluation system. (5 marks)
5. List FIVE major challenges affecting monitoring and evaluation systems in developing countries. (5 marks)
6. Outline FIVE ethical principles guiding the conduct of health programme evaluations. (5 marks)

SECTION B: ESSAY / STRUCTURED QUESTIONS (40 MARKS)

Answer ANY TWO (2) questions in this section. Each question carries 20 marks.

1. You have been tasked with developing a monitoring framework for a county maternal and child health (MCH) programme in Kenya.

Explain how the Results-Based Management (RBM) framework would guide programme monitoring, with reference to:

- a) Programme goal, outcomes, outputs, and activities (5 marks)
- b) Explain FIVE key steps involved in developing a logical results chain for the programme. (5 marks)
- c) Describe FIVE performance indicators that could be used at different result levels within the programme. (5 marks)
- d) Discuss FIVE ways in which monitoring data can be used for programme improvement, accountability, and learning. (5 marks)

2. Describe how data collection systems can be designed and implemented for a community-based health programme by:

- a) Explaining FIVE considerations when selecting appropriate data collection methods. (5 marks)
- b) Describing FIVE considerations in the design and utilization of data collection tools. (5 marks)

c) Outlining FIVE strategies for training, supervision, and motivation of data collectors. (5 marks)

d) Explaining FIVE procedures for data management, storage, and quality assurance. (5 marks)

3. A county government has implemented a five-year adolescent reproductive health programme and intends to evaluate its performance.

Discuss how programme evaluation can support evidence-based decision-making, focusing on:

a) Purpose and scope of the evaluation (5 marks)

b) Appropriate evaluation design and methodological approaches (5 marks)

c) Stakeholder involvement and ethical considerations (5 marks)

d) Utilization of evaluation findings for policy formulation, planning, and resource allocation (5 marks)

AMU