



**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 SECOND SEMESTER EXAMINATION JAN-APRIL 2025**  
**HMD 414: MONITORING AND EVALUATION**

**TIME:** Two Hours  
**Date :** 21<sup>st</sup> April 2025  
**TIME :** Two (2) Hours      Start: 4:30 pm      End 6:30 pm

**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: COMPULSORY (30 Marks)**

*(Each question is worth (6 marks.)*

1. a) Define Monitoring and Evaluation. (3 marks)  
b) Explain how Monitoring differs from Evaluation in the context of health programs. (3 marks)
2. Differentiate between formative evaluation and summative evaluation. (6 marks.)
3. Describe three key characteristics of good indicators used in M&E. (6 marks.)

4. Explain the six roles of stakeholders in designing and implementing an M&E system. (6 marks.)
5. Outline six ethical considerations in data collection for health M&E. (6 marks.)

**SECTION B: LONG ANSWER QUESTIONS (40 Marks)**

*(Answer any TWO questions. Each question is worth (20 marks.)*

1. Discuss the importance of an M&E framework in the planning and implementation of health programs. Use relevant examples. (20 marks.)
2. a) Evaluate the role of data quality in Monitoring and Evaluation. (10 marks)  
b) Explain how poor data quality can impact decision-making in health programs. (10 marks)
3. a) Critically analyze the challenges of implementing Monitoring and Evaluation (M&E) in health programs. (10 marks)  
b) Propose practical solutions to address each of the challenges identified. (10 marks)



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**HMD 414: MONITORING AND EVALUATION**  
**PAPER 2**

**TIME:** Two Hours

**Date :**

**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: COMPULSORY (30 Marks)**

*(Each question is worth (6 marks.)*

1. a) Define Results-Based Monitoring and Evaluation (RBM&E). (3 marks)  
b) Explain three key ways in which RBM&E is relevant in health programs. (3 marks)
2. Discuss three key principles of data collection in M&E. (6 marks.)
3. Explain how a logic model is used in M&E planning. (6 marks.)

4. Describe how cost-effectiveness analysis is applied in health M&E. (6 marks.)
5. Identify three key challenges of using digital tools for M&E. (6 marks.)

**SECTION B: LONG ANSWER QUESTIONS (40 Marks)**

*(Answer any TWO questions. Each question is worth (20 marks.)*

1. Critically discuss the role of participatory M&E in strengthening health systems. (20 marks.)
2. Evaluate the importance of using SMART indicators in M&E and give relevant examples. (20 marks.)
3. Explain how M&E can be used to enhance accountability and transparency in health program implementation. (20 marks.)