



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 MAY 2024

UNIT CODE: HSM 716 **UNIT NAME:** MONITORING AND EVALUATION APPLICATION TO HEALTH SYSTEMS

DATE: April 2024

TIME: Three Hours

Start: 16:00 Hours

Finish 19:00 Hours

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (30 marks)
Section B: Long Answer Questions (40 marks)

SECTION A: COMPULSORY (30 Marks)

Question 1- Short Answer Questions

- a) Explain the difference between Monitoring and Evaluation. (5 marks)
- b) Describe five characteristics of a focus group discussion. (5 marks)
- c) State five examples of a non-directional indicator. (5 marks)
- d) Describe two key determinants of a successful monitoring and evaluation (M&E) system. (5 marks)
- e) Explain the differences between experimental design and quasi-experimental design. (5 marks)
- f) Describe five key guidelines for setting objectives. (5 Marks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS OUT 4 QUESTIONS (40 Marks)

Question 1

A five-year health systems strengthening program is due for the end-term evaluation in December 2024. You are one of the consultants helping the program to design the evaluation.

- a) Describe the key components of an evaluation design matrix that must be included in the evaluation design. (10 marks)
- b) The evaluation team would like to choose between either a cross-sectional design or a longitudinal design for this evaluation, and they would like you to guide them. Explain the differences between a cross-sectional design and a longitudinal design. (10 marks)

Question 2

Your Community Health department is preparing a project proposal to bid for funding for a malaria control initiative. You are leading the formulation and drafting team, and you would like them to apply the logical framework analysis (LFA) in the conceptualization of the proposal.

- a) Describe the logical framework analysis (LFA) line of reasoning you would present to them to apply. (10 marks)
- b) Explain the differences between a problem tree and an objective tree. (4 marks)
- c) Using an example of a strategy analysis structure, illustrate an immediate objective (purpose) and its strategies for the malaria control project. (6 marks)

Question 3

Your HSM department is preparing a five -year plan to share with the donor. You have been assigned to develop a logic model to attach to the plan.

- a) Describe the process and outcome components of a logic model you would include in this in the plan. (10 marks)
- b) Using an illustration, formulate a Results Chain Logic for the five-year plan. (10 marks)

Question 4

In conducting an evaluation of a community health program, the evaluators have agreed to use interview methods.

- a) Describe the guidelines the evaluators would use in constructing an effective questionnaire. (10 marks)

b) Explain the differences between a semi-structured interview and unstructured interview. (10 marks)

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