



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTER OF PUBLIC HEALTH
SUPPLEMENTARY EXAM FOR MARCH 2024

UNIT CODE: MAP 720 -M&E
DATE: Friday 15th March 2024
TIME: Three Hours **Start:** 1600 Hours **Finish** 1900 Hours

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)
3. All questions in Section A are compulsory and Answer any THREE questions in Section B
4. This online exam shall take 3 Hours
5. Late submission of the answers will not be accepted
6. Ensure your web camera is on at all times during the examination period
7. No movement is allowed during the examination
8. Idling of your machine for 5 min or more will lead to lock out from the exam
9. The Learning Management System (LMS) has inbuilt integrity checks to detect cheating
10. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam.
11. In case you have any questions call the invigilator on Head of Department on Tel +254 720 573 449 or Ag Head of Department +254 723 742 370
12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: COMPULSORY (25 Marks)

Question 1

You are the Director for a Malaria Control Program in a health organization operating at the lake region of Kenya. Health facility data in the County where your program is operating shows increasing cases of new malaria fever infections. The County Health Department has approached you to develop a malaria control project to counter the spread of infections.

- a). State an immediate objective (purpose) for the new malaria control project? (5marks)
- b). Formulate a logic model comprised of one goal, one outcome, two outputs, two activities, and four inputs. (10 marks)
- c). Describe the strategies that the program will use to control the increasing malaria infections. (10 marks)

SECTION B

ANSWER ANY THREE (3) QUESTIONS (75 Marks)

Question 2

In conducting an evaluation of a malnutrition prevention project, the evaluators have agreed to use interview methods and focus group discussion (FGD).

- a). Describe the guidelines that the evaluators should use in constructing an effective questionnaire. (10 marks)
- b). Describe the guidelines that the evaluators should use in conducting an effective focus group discussion. (10 marks)
- c). State the differences between a semi-structured interview and unstructured interview. (5 marks)

Question 3

A three-year WASH project is due for the end-term evaluation in December 2024. You are one of the consultants helping the project to design the evaluation.

- a). Describe the key components of an evaluation design matrix that should 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. (5marks)
- c). State the advantages and disadvantages of using either a cross-sectional design or Longitudinal design. (10 marks)

Question 4

You are working as a Health Officer in the health department of your district. The five-year Strategic Plan of the district hospital is being reviewed and you have been tasked to lead the development of performance indicators for inclusion into the next five-year strategic plan.

- a). Explain the criteria that you will use to select performance indicators. (10 marks)
- b). Describe the steps you would use in selecting appropriate performance indicators for the five-year strategic plan. (10 marks)
- c). Formulate five (5) examples of non-directional indicators that you would include in the five-year strategic plan. (5 marks)

Question 5

The Director of Evaluation in your district has asked you to guide the health surveillance team in selecting appropriate evaluation designs for use at the District Health Survey Bureau.

- a). How would you differentiate between Experimental design, Quasi-experimental design, and No-experimental design? (15 marks)
- b). Describe the stages involved in an evaluation design process. (10 marks)

Question 6

Your organization is preparing a project proposal bid to respond to a Request for Proposals (RFP) from a global donor, focusing on improving maternal health in a rural catchment area. You have been assigned to develop a logic model to attach to the proposal.

- a). Describe the process and outcome components of a logic model that you will include in the proposal. (10 marks)
- b). Using an illustration, formulate a Results Chain Logic for this maternal health proposal. (15 marks)