



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTER OF PUBLIC HEALTH
EXAMINATION

MPH 721: PROJECT DESIGN AND MANAGEMENT

DATE: 5TH AUGUST 2026

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 for this exam on Tel. 0723800089 and or the Head of Department on Tel +254720573449
12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A COMPULSORY (25 MARKS) -5 marks each question

1. Distinguish major differences between a **Project and a Program**
2. Describe five key elements typically found in a project logic model framework
3. Define a WBS and its importance in scheduling a health intervention
4. Describe the differences between **internal and external stakeholders** in a maternal and child health intervention.
5. Discuss at least 3 tools used in the project planning phase

SECTION B: ANSWER ANY THREE (3) QUESTIONS (25 Marks Each)

1.
 - i. Explain **risk** in the context of a public health project. 5 mks
 - ii. Discuss four steps of the **project risk management process**, and describe how you would mitigate supply chain risks in a vaccine rollout initiative- 20 mks
2. Discuss five major challenges a manager might encounter during the implementation/execution phase of a community health project (Scope, schedule and budget) 25mks
3. Discuss in detail three distinct strategies a project design team can build into a donor-funded water, sanitation, and hygiene (WASH) project to ensure it continues after donor funding ends 25 mks
4.
 - i. Describe how Knowledge Management (KM) repositories and "Lessons Learned" databases prevent a public health agency from "reinventing the wheel" when designing future interventions – 10 Marks
 - ii. Describe major tools that are used in phase four of the project cycle -15 Marks
5.
 - i. Discuss 4 types of project evaluations and their applications in public health projects – 10 marks
 - ii. Describe the importance of RACI-D Matrix in project management – 5 Marks
 - iii. Using relevant examples Describe 5 Risk Response Strategies – 10 Marks