



**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY
(MMUST)**

SCHOOL OF PUBLIC HEALTH BIOMEDICAL SCIENCES AND TECHNOLOGY

DEPARTMENT: PUBLIC HEALTH

UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

DOCTOR OF PHILOSOPHY IN PUBLIC HEALTH

COURSE CODE: PHC 921: PROJECT PLANNING AND MANAGEMENT

COURSE NAME: PROJECT PLANNING MANAGEMENT & MONITORING AND EVALUATION

DATE: 25TH APRIL 2023

TIME: 8.00AM – 9.00AM

INSTRUCTIONS TO CANDIDATES:

General Instructions

1. Write your University Registration Number on every booklet that you use.
2. Do not write your name on any papers you use.
3. Answer any FIVE questions
4. The time allowed for this Paper is **Three (3)** hours.
5. Observe carefully further instructions on the cover of Answer Booklets.

Instructions: Answer any FIVE questions of the SIX questions below:

Q1. You are a project manager for a research organization that has recently received a grant of USD. 5, 000, 000. The research project is expected to run for 3 years.

- a) Describe how you would divide up this money across all phases of the project so as to meet the overall project objectives. (10 Marks)
- b) Fully describe four building blocks of financial management that you would implement to ensure efficient financial management (10 Marks).

2. A multi-disciplinary research project comprising five Danish and five Kenyan institutions is planned to be implemented in schools and communities in western Kenya. The broad objective of this research project is to build capacity of future Kenyan scientists through improved health and education standards in the community.

- a) Giving reasons briefly describe the possible stake-holders that would be involved this research project (5 marks).
- b) Describe four ways by which you can classify these stake holders and how you can realistically manage each of these stake holders (5 Marks)
- c) Looking at all aspects of this project describe Four attributes that you would consider as measures of its success (10 Marks).

Q3. a) Define a "risk" and the process of risk management in a project (5 marks).

- c) Describe five different ways with which it is possible to deal with a risk (5 marks)
- d) Identify and describe five risks that may be faced by a research project dealing with human subjects in a community setting (10 marks).

Q4. a) Describe monitoring and evaluation as they apply to project management (5 marks).

b) The Kenya National Malaria Control Program is implementing a strategy which runs from 2018-2023. The objective of the program is to reduce morbidity and mortality due to malaria by 90% by the year 2023 from the 2017 levels by optimizing vector control methods such as use of insecticide treated nets and other prevention measures. Giving key monitoring indicators describe the time points at which you can do evaluation for this program (10 Marks).

c) State five reasons why it is important to monitor such a project (5 marks).

Q 5. In the early 90s, UNICEF supported the implementation of community pharmacies in some parts of Kenya. These pharmacies were supplied with bed nets and medicines as sources of seed funding. Thereafter the communities were expected to sustain the management of these projects by themselves through a revolving fund obtained from the sale of nets and drugs. However, the projects soon came to a halt for various reasons.

- a) If you were one of the planners of this project name and describe FOUR aspects of sustainability that you would have considered (5 Marks)
- b) Think through all projects currently implemented in your constituency through the Constituency Development Fund. Giving reasons provide two examples of the ones deemed to be the most sustainable (10 marks).
- c) Describe FOUR features of a non-sustainable project (5 Marks)

Q6. a) Describe Five factors that can negatively affect project implementation (5 Marks).

- c) Using a Gantt chart describe how you can plan for a university graduation ceremony from planning through to the end of the ceremony (10 Marks).
- d) List and describe Five major barriers to team building in a project (5 marks).

