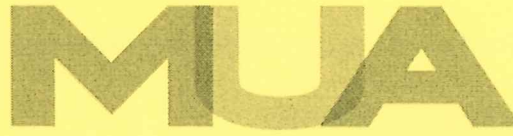


The
Management
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POST GRADUATE UNIVERSITY EXAMINATIONS

SCHOOL OF MANAGEMENT AND LEADERSHIP

DEGREE OF MASTER OF ARTS IN DEVELOPMENT STUDIES

MDP 515: PROJECT MONITORING AND EVALUATION

DATE: 3RD DECEMBER 2024

DURATION: 3 HOURS

MAXIMUM MARKS: 60

INSTRUCTIONS:

1. Write your registration number on the answer booklet.
2. **DO NOT** write on this question paper.
3. This paper contains **FOUR (4)** questions.
4. Question **ONE** is **compulsory**.
5. Answer any other **TWO** questions.
6. Question **ONE** carries **30 MARKS** and the rest carry **15 MARKS** each.
7. **Write all your answers in the Examination answer booklet provided**

QUESTION ONE

Read the Case Study below carefully and answer the questions that follow:

MWEA IRRIGATION SCHEME

The Mwea irrigation scheme, located in Kirinyaga County is the largest scheme in Kenya covering an area of 30,350 acres. Its roots can be traced in the year 1954, in which it started with only 64 acres under irrigation but now it has expanded over the years to support over 18,000 farmers. The scheme promises to be a game-changer in Kenya's pursuit to bridge an annual production deficit of its main rice production and cut reliance on imports from markets in the region.

The government aims to support the expansion of the scheme in an effort to deal with food insecurity within the Country. On completion the one-million-acre scheme will be the biggest in east and southern Africa, signifying Kenya's big dreams of attaining food sufficiency. Reliance on unreliable rain fed agriculture has over the years left Kenya with an annual deficit of 10 million bags of rice, a situation that stands to be reversed once the new expansion of the Mwea irrigation project goes full throttle. The viability of the irrigation project has already been proven following the maiden harvest of crop planted on the first 10,000 acre tract of the model farm.

The National Irrigation Board (NIB) expects to realise 20,000 bags of rice from the first batch of 500 acres that was planted in March this year. This implies that on every acre of land under irrigation, some 40 bags of rice will be harvested - a performance that is much higher than the national average of 17 bags per acre for growers in the country's rice grain basket in the Rift Valley who have to deal with the frustrations of unreliable rain-fed agriculture. According to NIB general manager, Eng. Charles Muasya, the number of bags per acre is expected to go up in the subsequent harvests after the trials on more than 10 seed varieties that were planted identified the breed that would yield the most.

Rice Mill plant in China, which has been contracted to develop the 10,000-acre model farm, targets a harvest of up to 80 bags of rice an acre based on the advanced agronomical technologies employed in the project. But even with its promising future,

the Mwea Irrigation Scheme faces the challenges of underfunding by the government. In the last three years, the Treasury has allocated about Ksh. 3.5 billion towards the project. This is insufficient given the capital-intensive nature of the venture that targets to address the high cost of rice, mainly imported from other countries. Eng. Muasya believes that the 200,000 acres of land at Mwea that is marked for rice production is sufficient to yield enough rice that would cancel out imports from other countries.

Required:

- a) Suppose you have been hired to evaluate the viability of the new expansion of the Mwea irrigation Scheme. Explain the justification of the project **(6 Marks)**
- b) Discuss the types of monitoring and evaluation that can be applied to new expansion of the Mwea Irrigation Scheme **(12 Marks)**
- c) Argue out the factors that will lead to successful implementation of Mwea Irrigation Scheme expansion project **(12 Marks)**

QUESTION TWO

Proper planning of a development project requires application of the project planning tools and techniques such as Logical framework. By selecting a project of your choice develop a logical framework matrix structure by identifying the different levels of the matrix and select Means of Verifications (MOVs), assumptions and risks for each level

(15 Marks)

QUESTION THREE

Monitoring and evaluation (M&E) of projects have become increasingly recognized as indispensable management functions. Discuss the meaning of the terms "Monitoring" and "Evaluation" clearly spelling out the aims and objectives of each of these exercises.

(15 Marks)

QUESTION FOUR

- (a) A project success is measured through various indicators. Evaluate any five characteristics of project indicators **(10 Marks)**
- (b) Chief Executive officer at Mabati millers has been complaining about the high cost which has been going to activities related to monitoring and evaluation of their projects. You have been hired as a consultant in monitoring and evaluate to advice the team on benefits of Monitoring and Evaluation findings. Discuss **(5 Marks)**