

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**



**FACULTY OF ENVIRONMENTAL SCIENCE**

**DEPARTMENT OF ENVIRONMENTAL HEALTH**

**BACHELOR OF ENVIRONMENTAL SCIENCE HONOURS DEGREE IN PUBLIC HEALTH**

**PUBLIC HEALTH ADMINISTRATION**

**EPH 1202**

**Final Examination Paper**

**April 2025**

This examination paper consists of 3 pages

**Time Allowed: 3 hours**

**Total Marks: 100**

**Special Requirements: None**

**Examiner's Name: Mr. M. Y Khozah**

**INSTRUCTIONS**

1. Answer **QUESTION ONE** and any **THREE** questions
2. Each question carries 25 marks

**MARK ALLOCATION**

<b>QUESTION</b>	<b>MARKS</b>
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25
<b>TOTAL</b>	<b>100</b>

### **Question 1 (Compulsory)**

- a. As a public health administrator, you have been tasked with investigating the causes of a concerning rise in maternal mortality rates in a rural community over the past year. The regional health authority is dedicated to uncovering the root causes of these deaths to implement targeted interventions. In this context, use the Cause-and-Effect Analysis (Ishikawa Diagram) to identify the potential causes contributing to the rise in maternal mortality within the community. [20]
- b. Propose specific interventions or strategies that could be implemented to address the identified causes. [5]

### **Question 2**

- a. Compare and contrast two leadership theories relevant to public health and discuss their implications for team performance in healthcare settings. [10]
- b. Henri Fayol's 14 principles of management offer valuable guidance for enhancing organizational performance. Choose five principles and explain how they can be applied to improve organizational effectiveness in public health organizations. [15]

### **Question 3**

Describe the key steps involved in the grant management process for public health programs. Provide a brief explanation of each step and highlight its significance in ensuring effective grant management. [25]

#### **Question 4**

- a. Explain how Lewin's Change Model can be applied to a public health initiative of your choice, detailing specific strategies for each stage of the model and providing examples of activities or interventions that could be implemented to ensure the successful implementation of the initiative. [18]
- b. Discuss the key strategies that public health administrators can use to overcome resistance to change within their organizations. [7]

#### **Question 5**

Identify common sources of conflict in public health settings and discuss strategies that can be employed to effectively manage and resolve these conflicts. [25]

#### **Question 6**

In the context of the public health sector, discuss the most significant challenges that effective leaders may encounter and how they can overcome these challenges to drive positive changes and improve population health outcomes. [25]