



**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: PHE 920:

**COURSE NAME: STRATEGIC HEALTH SYSTEMS MANAGEMENT AND
INFORMATICS**

DATE: 24TH APRIL 2023

TIME: 8.00AM – 11.00AM

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 all FIVE questions
4. The time allowed for this Paper is **Three (3)** hours.
5. Observe carefully further instructions on the cover of Answer Booklets.

1. In 2001, the African Union (AU) member states Kenya included, signed the Abuja Declaration, thereby pledging to allocate at least 15% of their national budgets each year to improving their healthcare systems. To this day, fulfilling this pledge has been a major struggle for Kenya. As a Public Health expert, discuss the key role of Abuja Declaration in Kenya's Health Systems, the milestones made to date and its implication to Vision 2030 in Kenya. (20 marks)

2. Devolution reforms in Kenya have brought extensive changes to governance structures and mechanisms for financing and delivering healthcare services.
 - a) Discuss these reforms in Kenya with a focus on service delivery; human resource; governance; and policy implementations and how these reforms have affected the health services delivery within the devolved systems of government (10 marks).

 - b) Identify possible health systems intervention (approaches and strategies) that could be put in place to address these challenges and therefore improve the service delivery (10 marks).

3. The national newspapers have reported an outbreak of Cholera in Kakamega County where you are the responsible health officer in charge of disease prevention. To facilitate the planning and management of the situation, it has been identified that the situation arose as a result of leadership and management challenges within the county. As a responsible officer, you have been asked by your CEC to prepare a concept on strategies that could be applied in addressing the problem. Discuss the strategies that you will outline in your concept note to strengthen the Health systems managers in their leadership and management roles to contain the situation. (20 marks)

4. The Ministry of Health through the devolved system of government have come up with a strategy to make health more effective and reach as many people as possible. The aim is to bring the existing essential packages more closely and intensively. A broader approach that entails a shift from disease burden to promotion of individual health. With this in mind, discuss the challenges that the devolved systems of government in Kenya is likely to face on organization of health services as it tries to reach more people (20 marks).

5. Quality in health systems is defined as conforming to requirements and standards as per the Ministry of Health standards. Effective Health Systems need to consider all three categories of quality to obtain a balance within the health systems mainly characterized as structure, process and outcome. As a Public Health expert, discuss the three parameters of quality (20 marks)

