



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

SCHOOL OF PUBLIC HEALTH BIOMEDICAL SCIENCES AND TECHNOLOGY

DEPARTMENT: PUBLIC HEALTH

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATION

FOR DOCTOR OF PHILOSOPHY IN PUBLIC HEALTH

COURSE CODE: PHE 920:

COURSE NAME: STRATEGIC HEALTH SYSTEMS MANAGEMENT AND INFORMATICS

DATE: 29TH APRIL, 2022

9.00AM – 12.00PM

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. Question 1 (one) is Compulsory and any other any three questions.
4. The time allowed for this Paper is **Three (3)** hours.
5. Observe carefully further instructions on the cover of Answer Booklets.

1. 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 (15 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 (15 marks).
 - c) Identify possible issues/researchable areas that you could carry forward for your doctoral research (10 marks)

2. The national newspapers have reported an outbreak of measles in a county that has had EPI for many years. You are the responsible health officer in charge in that particular county. 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. As a health systems expert, discuss the strategies that you will outline in your concept note to strengthen the Health systems managers in their leadership and management roles. (20 marks)

3. 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 linkages and organization of health services as it tries to bring reach more people (20 marks).