



MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

MAIN CAMPUS
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR
OF
PHD OF PUBLIC HEALTH NUTRITION
MAIN EXAM

COURSE CODE: PHN 903

COURSE TITLE: PUBLIC HEALTH SURVEILLANCE AND INTERVENTIONS

DATE: 20/4/2022

TIME: 9-12

INSTRUCTIONS TO CANDIDATES

- a. This examination contains 5 long answer questions each 25 marks.
- b. Question 1 is compulsory, and choose any other 3 questions
- c. Write all answers in the answer booklet provided
- d. Write the university registration number on each piece of paper used.

MMUST observes **ZERO** tolerance to examination cheating.

INSTRUCTIONS TO CANDIDATES

This examination contains 5 long answer questions each 25 marks. Questions 1 is compulsory, and choose any other 3 questions (Total 100marks).

Compulsory Question

1. The innocent framework identifies food systems where action can be taken to increase both the supply of, nutritious foods.
 - a. Illustrate how the framework puts children diets at the heart of food system analysis (15 marks)
 - b. Outline the challenges encountered in putting children diets at the heart of food system analysis (10 marks)

Choose any 3 questions

2. Surveillance is one the cornerstone for controlling Covid-19 pandemic. Describe with specific details the types of surveillance that can be used in addressing Covid-19 (25 marks)
3. A model of public health surveillance and action reform must adapt to the ongoing political, economic and social realities of movement.
 - a. Explain in details the common movements used in public health surveillance (10 marks)
 - b. Outline the challenges in each of the movement (15 marks)
4. Describe the;
 - a. relationship between nutrition, surveillance and health status (10 marks)
 - b. Explain in details the roles of surveillance in any community nutrition program (10 marks)
5. Discuss the role;
 - a. Stakeholders in public health surveillance and interventions (10 marks)
 - b. Describe the importance of community participation in surveillance and interventions (15 marks)