



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES**

UNIVERSITY EXAMINATION FOR DEGREE OF MASTER PUBLIC HEALTH

1ST YEAR 1ST SEMESTER 2023/2024 ACADEMIC YEAR

KISUMU

COURSE CODE:	HMP 5111
COURSE TITLE:	PRINCIPLES OF PUBLUC HEALTH
EXAM VENUE:	STREAM:
DATE:	EXAM SESSION:
TIME:	3.00 HOURS

Instructions:

- 1.** Answer **Question One (1) that is compulsory** and any other TWO (2) questions.
- 2.** Candidates **MUST** not to write anything on the question paper.
- 3.** Candidates **MUST** hand in their answer booklets to the invigilator while in the examination room.

1 (a) Imagine that you applied for a consultancy with an organization of your choice that deals in disease prevention. Describe in detail the way the contemporary epidemiologic transition model is applicable in the current situation using the focus of the theory of epidemiologic transition (10 Marks).

1 (b) During your engagement with the County government of your choice you did rapid assessment of disease control and you established that that it was necessary to put more efforts on monitoring aspect of disease control to reduce the prevalence of communicable diseases in the County significantly. Explain the causation of disease in a population using the epidemiological transition model of health (10 Marks).

2. Imagine that you have been identified by an organization operating in your county of choice dealing with health promotion and they organized a conference where you were invited to be one of the key speakers and your area of sharing was concerned with the causation of disease. Describe the explanation you will share with participants concerning the theory of the medical model of health based on principles of science neutrality (20 Marks).

3. Assume that you have been consulted by a County of your choice team of public health experts on public health matters and your main task was to share with them more about the theme prevention is better than cure, during your preparation for the task you identified that less attention has been focused on primordial and tertiary levels of prevention.

a). Discuss in detail the advantages and disadvantages that are suitable to be emphasized on for the county currently (10 marks).

b). Discuss fully the public health strategies that you would recommend for incorporation for implementation of the prevention and control of communicable diseases in the same County (10 Marks)

4. Assume that you are a public health officer in charge of a sub county, you have identified several public health problems that you are required to address and in your assessment, you found that community participation is the strategy of approach that you need to apply.

a). Discuss properly the key principles of community participation Framework that made you to consider it as a better way-forward to achieve your expected out comes (10 marks).