



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

UNIVERSITY EXAMINATION FOR DEGREE OF MASTER

SPECIAL EXAMINATIONS NOV. 2020

COURSE CODE:	HMP 5111
COURSE TITLE:	Principles of Public Health
EXAM VENUE:	STREAM: MASTERS
DATE:	EXAM SESSION:
TIME:	3.00 HOURS

Instructions:

- 1. Answer any four Questions (Question One is Compulsory)**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A

Answer question one(Compulsary)

1. Imagine that you have qualified with Master's Degree of Public Health from JOOUST and you have being appointed as director of public health services in your County. During your assessment of the disease occurrence you have realized that the number of disease incidences that are high in the County records are preventable diseases. Describe clearly the five things that your successful prevention of such diseases occurrences will depend upon (25 Marks).

SECTION B

Answer any three Questions

1. As an expert in public health the investigation have been done and you have been called on board to assist the task force to come up with the most appropriate approaches for primary prevention of communicable diseases that have been established. Describe clearly the approaches that you will apply that globally recommended for primary prevention of diseases (25 Marks).
2. During your assessment as a senior health manager in your health program you established that it is important to employ the two strategies that are surveillance and monitoring. Explain in details the difference between them and then three objectives of the surveillance that you will recommend (25 Marks).
3. Notification has been done that there is an out-break of an infectious disease in the neighboring Counties and you as the public health officer in-charge of your county you has decided that community participation is one of the key strategies to be employed. Discus five principles of community participation framework that you will have to put into consideration when planning for the implementation (25 Marks).
4. Biomedical model of health has led to the improvement in the treatment of patients which has favored gains in both the length and quality of life of people. As an expert discus the five advantages and disadvantages of biomedical model in the contemporary situation (25 Marks).
5. You have done assessment and you have established that prevalence of communicable diseases in your area of jurisdiction is higher than the normal distribution curve plotted on the annual calender for diseases (25 Marks).