



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL
OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF MASTER PUBLIC HEALTH**

SPECIAL EXAMINATIONS NOV. 2020

COURSE CODE: HMP 5134
COURSE TITLE: Communicable Disease Epidemiology and Control

EXAM VENUE: STREAM: MASTERS
DATE: EXAM SESSION:
TIME: 3.00 HOURS

Instructions:

- 1. Answer THREE (3) questions; Question 1 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.**

Instructions: Answer Question 1 (compulsory) and any three questions

Question 1

- a) Citing specific examples, explain the difference between **Modifiable risk factors** and **Non- modifiable risk factors** of Infectious diseases 5 marks
- b) Discuss clinical presentation and control of the following Zoonotic infections of Public Health importance
 - a) Rift valley fever 5 marks
 - b) Influenza 5 marks

Question 2

Citing specific examples Explain Causes and risk factors of communicable diseases
15 marks

Question 3

Discuss major factors that contribute to the emergence and re-emergence of infectious disease
15 marks

Question 4

Discuss Epidemiology and control of:

- a) Malaria
 - b) Plaque
- 15 marks

Question 5

Vaccines are relevant in communicable disease control, Discuss 15 marks

Question 6

Give an account of Control Strategies of communicable diseases 15 marks