

**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION 2013
FIRST YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN
COMMUNITY HEALTH DEVELOPMENT
(KISII LEARNING CENTRE)**

COURSE CODE: HDC 2124

**COURSE TITLE: PREVENTION AND CONTROL OF COMMUNICABLE AND NON-
COMMUNICABLE DISEASES**

DATE:

TIME:

INSTRUCTIONS

1. This examination paper contains **COMPULSORY** and **ELECTIVE** questions
2. Answer **ALL COMPULSORY** questions and **ANY TWO ELECTIVE** set of questions.
3. Write all answers in the examination booklet provided
4. Read and follow all instructions printed on the answer booklet

COMPULSORY QUESTIONS

Answer ALL questions in this section [TOTAL MARKS=30]

1. State THREE pre-disposing factors for diseases transmitted through contact [3 marks]
2. State TWO ways by which contact diseases are transmitted from person to person and give TWO examples of each [3 marks]
3. Why is jigger (*Tunga penetrans*) not considered a contagious disease [3 marks]
4. Identify FOUR stages of development of Trachoma [3 marks]
5. State THREE measures you will undertake to prevent and control hide-porter's disease during an outbreak [3 marks]
6. Distinguish between a vector of a disease and the extrinsic incubation period of a disease organism [3 marks]
7. Identify THREE measures for prevention and control of yellow fever [3 marks]
8. Outline THREE clinical features of Trypanosomiasis [3 marks]
9. Name THREE steps you will take during an outbreak of Poliomyelitis [3 marks]
10. Which of the following prevention and control measures of Leishmaniasis is UNTRUE [3 marks]
 - (a) Use insect treated curtains
 - (b) Educate the population
 - (c) Immunization reduces the disease organism's population
 - (d) Control is difficult because flies breed away from home

ELECTIVE QUESTIONS

Answer ANY TWO questions in this section [TOTAL MARKS =40]

11. You have been hired to provide control and prevention strategies for respiratory illness in North-Eastern. Under such circumstances you may be regarded as an outsider from North-Eastern community. Describe the suitable approaches you will use to make your work effective [20 marks]
12. Farmers in Kisii County always harvest maize and drop it on soil contaminated with animal and even human faeces. Identify and describe one possible disease that the farmers are likely to contract. In your description, highlight the epidemiology, clinical features, management of individual cases, control and prevention strategies for the disease you identify [20 marks]
- 13.1. Identify THREE factors that exacerbate degenerative diseases in the community [6 marks]
- 13.2. Road accidents are currently on the rise and a major public health threat. Give your view on how the menace can be controlled and support your argument with relevant examples [14 marks]