



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT
1ST YEAR 2ND SEMESTER 2017/2018 ACADEMIC YEAR
KISUMU LEARNING CENTRE

COURSE CODE: HDC 2124

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

EXAM VENUE:

STREAM: DIPLOMA COMMUNITY HEALTH AND DEVELOPMENT

DATE:

TIME: 1 HOUR 30 MINUTES

Instructions:

- 1. Answer all the questions in Section A and two questions in Section B.**
- 2. Candidates should not write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the Examination room.**

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. Giving examples, define the following terms
 - i) Communicable diseases (1mk)
 - ii) Non-communicable diseases (1mk)
 - iii) Agent (1mk)
2. Giving examples of a non-communicable disease list and briefly explain four modifiable risk factors for that disease. (6mks)
3. What is virulence? Explain two virulence factors of an infectious disease. (3mks)
4. List three major non-communicable diseases and briefly explain how to control each disease. (3mks)
5. What are arboviral infections? Give at least two examples (3mks)
6. Using relevant examples differentiate between modifiable and non-modifiable risk factors. (4mks)
7. List three characteristics of communicable diseases (3mks)
8. Using relevant examples differentiate between prevention and control of diseases (2mks)
9. What is a poison? Explain two ways of managing a patient who has taken poison (3mks)

SECTION B: ANSWER ANY TWO QUESTIONS FROM THIS SECTION (40 MARKS)

1. Discuss the major factors involved in the transmission of communicable diseases. (20mks)
2. Discuss the four major non-communicable diseases highlighting the major modifiable and non-modifiable risk factors predisposing individuals to the diseases and how to prevent the diseases from occurring in a population at risk (20mks)
3. Mary a program officer has been tasked by her boss to conduct a CME at her workplace on non-communicable diseases,
 - i) Highlight the characteristics of non-communicable diseases that she will share in the CME (10mks)
 - ii) Highlight the challenges to NCD prevention and control that she share in the CME (10mks)
4. Using relevant examples discuss the four factors that contribute to the spread of communicable diseases (20mks)