



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE  
AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2012/2013**

**1<sup>ST</sup> YEAR 2<sup>ND</sup> SEMESTER EXAMINATIONS FOR DIPLOMA  
IN COMMUNITY HEALTH AND DEVELOPMENT**

**(KISUMU LEARNING CENTRE)**

**COURSE CODE: HDC 2124**

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

**DATE: 18/4/2013**

**TIME: 11.00-12.30PM**

**DURATION: 1.5 HOURS**

**INSTRUCTIONS**

1. This paper contains TWO sections.
2. Answer ALL questions in section A (Compulsory) and ANY other Two questions in section B.
3. Write all answers in the booklet provided

## **SECTION A (30 MARKS)**

1. Define communicable diseases. (3 marks)
2. Outline 3 routes of infection for a disease agent. (3 marks)
3. Explain 3 qualities of a good disease surveillance system. (3marks)
4. State 3 methods utilized for the prevention and control of Tuberculosis infections (3marks)
5. State 3 differences between control and eradication programmes for communicable diseases. (3marks)
6. List three (3) Community risk factors for non-communicable diseases. (3marks)
7. State three (6) methods used in the prevention and control of malaria. (3marks)
8. List 3 Principles of treatment utilized in mental health. (3 marks)
9. Briefly outline the life cycle of *Ascaris lumbricoides* (3marks)
10. Briefly discuss the burden of disease for diabetes mellitus. (3 marks)

## **SECTION B**

1. Discuss 5 risk factors for the high burden of communicable diseases? (15marks)
2. Discuss the contributing factors to RTA? (15marks)
3. Discuss the primary, secondary and tertiary prevention and control of cardiovascular diseases? (15 marks)
4. Discuss the causes of morbidity and mortality in displaced communities emphasizing on the acute emergency phase and the post emergency phase. (15marks)