



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
PUBLIC HEALTH/ COMMUNITY HEALTH AND DEVELOPMENT
SEMESTER 2016/2017 ACADEMIC YEAR
KISII CAMPUS- PART TIME**

COURSE CODE: HCD 3223:

COURSE TITLE: COMMUNICABLE AND NON- COMMUNICABLE DISEASES

EXAM VENUE:LR 18

STREAM: (BSc. P. Health / Comm Hlth & Dev)

DATE: 16/12/16

EXAM SESSION: 9.00 -11.00 AM

TIME: 2.00 HOURS

Instructions:

- 1. Answer all questions in section A and any other 2 questions in Section B.**
- 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 all questions in this section (30 marks)

1. a) What are the characteristics of communicable diseases (1 mark)
 b) Enumerate four modes of communicable disease transmission (2 marks)
2. a) What is a non-communicable disease? (1 mark)
 Define the following terms (1 mark each)
 b) Zoonoses
 c) Nosocomial
3. a) Name four sources of salmonellosis infection (2 marks)
 b) Outline any two symptoms of poliomyelitis in children under 15 years (1 mark)
4. a) Distinguish between a snake bite and a dog bite injuries in terms of diagnosis and clinical management (1 mark)
 b) State any two control measures for plague (1 mark)
 c) State any two strains of Hepatitis (1 mark)
5. a) What is the incubation period of a disease? (1 Mark)
 b) What is the natural history of a disease (1 mark)
 c) Outline three Yellow fever virus transmission cycles (1 mark)
6. a) Name four most at risk population to Flu in a community (2 marks)
 b) State the causes of measles (1 mark)
7. a) Outline six risk factors for pneumonia (3 marks)
8. Name any six non-communicable diseases (3 marks)
9. Name any six recommended ways of controlling non-communicable diseases (3 marks)
10. Explain any three common health problems often seen in retired professional boxers (3 marks)

Section B 40 marks Answer 2 questions only

1. Using the epidemiological triangle, discuss the prevention of any one type of injury you know (20 marks).
2. Using examples of specific viral hemorrhagic fevers, explain their prevention and control (20 marks)
3. Discuss any two pathogens often seen in food poisoning outbreaks and their prevention and control methods. (20 Marks).
4. Using examples of specific influenza viruses, explain their prevention and control (20 marks)