



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES

**UNIVERSITY EXAMINATION FOR THE BACHELORS DEGREE IN PUBLIC
HEALTH**

2ND YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HCD3223

**COURSE TITLE: COMMUNICABLE AND NON COMMUNICABLE
DISEASES**

EXAM VENUE:

DATE:

TIME: 1:30 HOURS

Instructions

1. Answer all the questions in section A and two questions in section B
2. Candidates are advised not to write on the question paper
3. Candidates must hand in their answer booklet to the invigilator while in the examination room

SECTION A.

1. Define the following terms.(3mks)
 - a) Pathogen
 - b) Zoonotic disease
 - c) Non-communicable disease
2. List any three types of pathogens and give example after each. (3mks)
3. List the possible modes of transmission of poliomyelitis (3mks)
4. Briefly state any three vectors of public health importance.(3mks)
5. Briefly highlight the possible diseases and conditions associated with Cardiovascular disease.(3mks)
6. What are the possible outcomes of physical body in activity.(3mks)
7. State and explain any three types of Cancer.(3mks)
8. Describe any three types of hosts associated with the life cycle of most pathogens.(3mks)
9. Describe any two types of diabetes.(3mks)
10. Describe the prevention measures of Rabies Virus infection.(3mks)

SECTION B

1. a) Compare and contrast communicable and non-communicable diseases. (10mks)
b) Giving examples on each, highlight on the predisposing factors to non-communicable diseases.(10mks)
2. Write short notes on Trypanosomiasis based on the following: (20mks)
 - i) Life cycle.
 - ii) Mode of transmission
 - iii) Prevention and control.
3. i) Describe in details the classification of zoonotic diseases and infections.(12mks)
ii) Explain the general control and measures of communicable diseases. (8mks)
4. Discuss in details the general modes of disease transmission. (20mks)