



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

3RD YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

KISUMU CAMPUS

COURSE CODE: HCD 3311

COURSE TITLE: COMMUNICABLE AND NON-COMMUNICABLE DISEASES

EXAM VENUE: STREAM: BSc Public/ Comm. Hlth & Dev

DATE: 26/4/19 EXAM SESSION: 9.00- 11.00AM

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A and 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 (30MARKS)

1. State three ways in which communicable diseases are transmitted **(3mks)**
2. With relevant examples state the body's levels of defense against infections **(3mks)**
3. Define non-communicable diseases **(2mks)**
4. With relevant examples differentiate between modifiable and non-modifiable risk factors to non-communicable diseases **(4mks)**
5. Differentiate between the definitive and intermediate host in parasitic infections **(2mks)**
6. Explain the periodicity of microfilaria **(3mks)**
7. Briefly describe Loiasis **(4mks)**
8. List three classical signs of cholera disease **(3mks)**
9. List the three transmission cycles of yellow fever **(3mks)**
10. State three ways of preventing yellow fever **(3mks)**

SECTION B (40MARKS)

11. Discuss the four common non-communicable diseases to man **(20mks)**
12. Discuss the life cycle of filariasis (*Wuchereria bancrofti*) **(20mks)**
13. a) Discuss the management of plaque outbreak **(10mks)**
b) Discuss the home treatment and prevention of influenza **(10mks)**
14. a) With relevant examples, explain common ways people can get infected with zoonotic diseases **(10mks)**.
b) Describe how animal bites should be treated to prevent rabies **(10mks)**

..... **END GOOD LUCK**.....