



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

DATE: 12/08/2019

EXAM SESSION: 9.00 – 11.00 AM

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. Define communicable diseases. (2 marks)
2. State THREE ways in which communicable diseases are transmitted. (3 marks)
3. With relevant examples state the body's levels of defense against infections (3 marks)
4. State FIVE strategies that can be used to prevent communicable diseases. (5 marks)
5. Name FOUR common risk factors to non-communicable diseases. (4 marks)
6. With relevant examples differentiate between modifiable and non-modifiable risk factors to non-communicable diseases. (4 marks)
7. Explain the periodicity of microfilaria. (3 marks)
8. List THREE classical signs of cholera disease. (3 marks)
9. List the THREE transmission cycles of yellow fever. (3 marks)

SECTION B (40MARKS)

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