



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH
1ST YEAR 2ND SEMESTER 2018/2019 ACADEMIC YEAR
KISII CAMPUS

COURSE CODE: HDC 2124

COURSE NAME: PREVENTION AND CONTROL OF COMMUNICABLE AND NON-COMMUNICABLE DISEASES

DATE : **EXAM SESSION:**

TIME:

Instructions

- 1. Answer all questions in section A(Compulsory) and any other two 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.**

SECTION A (COMPULSORY)

QUESTION ONE (1)

- a) Define the following terms: (3 marks)
- i) A carrier
 - ii) Reservoir
 - iii) Nosocomial Infection
- b) State any three determinants of effective disease prevention (3 marks)
- c) Briefly explain why emerging diseases occur (3 marks)
- d) Differentiate between disease carrier and a case (3 marks)
- e) Outline three outcomes of an epidemic (3 marks)
- f) Briefly explain three causes of non- communicable disease (3 marks)
- g) Highlight two requirement for the proper management of communicable diseases (3 marks)
- h) State three sources of disease surveillance data (3 marks)
- i) Briefly explain how you will manage a victim who has swallowed a rat poison (3 marks)
- j) Differentiate between communicable and non-communicable diseases (3 marks)

SECTION B (Answer Any Two Questions)

QUESTION 1

You are a community health worker in county X where an epidemic of typhoid has been reported:

- a) State causes of an epidemic (4 marks)
- b) Describe the steps you would take to manage an epidemic (10 marks)
- c) State the role of the community in prevention of the above disease. (6 marks)

QUESTION 2

- a) Discuss the levels of prevention and control of communicable diseases (14 marks)

- b) State any six challenges faced by the community in preventing communicable diseases (6 marks)**

QUESTION 3

You are in charge of a community where non-communicable diseases are very common: explain the preventive interventions you can apply to reduce cases. (20 marks)