JOOUST MAIN

COURSE CODE: HDC 2124
COURSE TITLE: PREVENTION AND CONTROL OF COMMUNICABLE AND NON-COMMUNICABLE DISEASES

EXAM VENUE: **STREAM:**
DATE: DECEMBER 2018   **EXAM SESSION:**
TIME: 1 HR 30 MIN

Instructions
1. **Attempt all questions in section A and any 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 room.**

SECTION A: 30 Marks

(attempt all questions from this section)

1. List any three ways in which the environment contributes to success of diseases causing pathogens (3 marks)
2. Sate the individual determinants that have facilitated the transmission of commuicabel diseases (3 marks).
3. List any three elements of the epidemiologic triad through which Indirect transmission may occur (3 marks)
4. List any three types of diseases screening (3 marks)
5. Outline the general strategies for preventing and controlling communicable diseases (3 marks).
6. The three main intentions of tertiary prevention are? (3 marks).
7. Briefly explain the following terms as used in prevention of diseases (3 marks)
   a. Exanthropic zoonosis
   b. Host focality
   c. Natural history of disease
8. State any three sources of finances for funding disease prevention and control in Kenya (3 marks)
9. List any three of the transition mechanisms that have contributed to emergence and re-emergence of communicable diseases (3 marks)
10. According to Rothman K.J, explain how one would develop an NCD (3 marks).

SECTION B: 30 Marks

(attempt any two questions from this section)

11. State the four main modifiable behavioral risk factors for Non-communicable diseases and explain how you will reduce their prevalence in Africa (15 marks)
12. As regards communicable diseases
    a. Briefly describe the chain of transmission of diseases (10 marks)

    b. Write short notes on carriers and sub-clinical transmission (5 marks)
13. Describe using examples the various methods of diseases screening (15 marks).
14. Explain the characteristics of epidemics as explained by the "Epidemic theory" of communicable diseases (15 marks).