



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**

**SPECIAL EXAMINATIONS**  
**FIRST YEAR EXAMINATION FOR THE AWARD OF THE**  
**CERTIFICATE IN COMMUNITY HEALTHY AND DEVELOPMENT**  
**THIRD SEMESTER, 2021/2022**  
**(FEBRUARY - JUNE, 2022)**

**CCOH 0122: COMMUNICABLE DISEASES**

**STREAM: Y1 S2**

**TIME: 2 HOURS**

**DAY:**

**DATE: 00/07/2022**

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**INSTRUCTIONS:**

- 1. Do not write anything on this question paper.***
- 2. Answer question ONE (Compulsory) and any other TWO questions.***

**QUESTION ONE**

- a) Define the following term (5 marks)
- endemic
  - Holoendemic
  - reservoir
  - infection
  - nosocomial
- b) state any four determinants of effective disease prevention (4 marks)
- c) State your five role in the community in prevention of communicable diseases ( 5marks)
- d) state four reasons why emerging diseases occur (4 marks)
- e) differentiate between disease carrier and a case (2 marks)
- f) state four factors that increase virulence of a disease (4 marks)
- g) state four sources of disease surveillance data (4marks)

- h) outline three outcomes of control of an epidemic (3 marks)

**long Answer Questions : Answer any two question**

1. Communicable diseases are of public health importance today
  - a) Describe the components of transmission cycle giving a relevant example at every stage (10 marks)
  - b) Discuss the different modes of transmission of disease (10 marks)
  
2. you are a community health worker in county X where an outbreak of typhoid has been reported
  - a) state four causes of an epidemic (4 marks)
  - b) Describe the steps you would take to manage the epidemic (10 marks)
  - c) state the role of the community in prevention of the above disease (6 marks)
  
3. a) Discuss the levels of prevention and control of communicable diseases (14 marks)
  - b) State six challenges faced by the community in preventing (6 marks)