



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

REGINA PACIS INSTITUTE OF HEALTH SCIENCES

MAIN EXAMINATION

AUGUST – DECEMBER 2017 TRIMESTER

FACULTY OF SCIENCES

DEPARTMENT OF COMMUNITY HEALTH

REGULAR PROGRAMME

CHD 128: COMMUNICABLE DISEASES AND CONTROL

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Date: DECEMBER 2017

Duration: 3 Hours

INSTRUCTIONS: Answer ALL Questions

SECTION A: Answer ALL questions (20 Marks)

- Q1. Define these terms: **(5 marks)**
- a) Communicable disease
 - b) Virulence
 - c) Pathogenicity
 - d) Chronic disease
 - e) Clinical disease
- Q2. Enumerate five classifications of communicable diseases giving an example of each category. **(5 marks)**
- Q3. Describe and give an example for each of the following: **(5 marks)**
- a) The concept of incubation period in communicable diseases
 - b) The concept of incubation period in communicable diseases
- Q4. Outline the infection cycle of communicable diseases. **(5 marks)**
- Q5. What is: **(5 marks)**
- a) Emerging diseases
 - b) Re-emerging diseases. Give two examples in each group.

- Q6. What is **(5 marks)**
- i) The toxin responsible for tetanus.
 - ii) The causative agent for syphilis.
 - iii) Mode of transmission for chikungunya virus.
 - iv) The causative agent for enteric fever and its serologic test.

SECTION THREE ANSWER ANY TWO QUESTIONS: Question ONE is COMPULSORY.

- Q1. Discuss cholera as a communicable disease in Kenya. What steps should be put in place to prevent its recurrence. **(20 marks)**
- Q2. Discuss gonorrhoea under
- a) The risk factors for gonorrhoea **(5 marks)**
 - b) Etiologic agent and transmission **(5 marks)**
 - c) Symptoms of gonorrhoea (two in men and two in women) **(6 marks)**
 - d) Prevention strategies **(4 marks)**
- Q3. List five arbovirus diseases afflicting human populations in East Africa. Describe control and preventive methods of any one of them. **(20 marks)**

END