



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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MAIN EXAMINATION

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MAY – AUGUST 2021

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DEPARTMENT OF COMMUNITY HEALTH AND DEVELOPMENT

REGULAR PROGRAMME

CCHD/DCHD/CHD 127: ENVIRONMENTAL HEALTH

Date: AUGUST 2021

Duration: 3 Hours

INSTRUCTIONS: Answer all questions section A and Questions in section TWO

SECTION A. Answer all Questions [40 marks].

1. Explain any five sources of indoor pollution **(5 Marks)**
2. Poor management of waste contributes to the spread of infectious diseases.
Explain citing relevant examples. **(5 Marks)**
3. Outline any five methods of food preservation **(5 Marks)**
4. Women and children are more vulnerable to health related risks associated with poverty than men are. Justify the statement. **(5 Marks)**
5. Explain the difference between primary and secondary municipal sewage treatment processes **(5 Marks)**
6. Water is essential to life at the same time a source of disease. Explain **(5 Marks)**
7. Differentiate the difference in the following types of infections (give an example in each case)
 - a) Food borne **(2 Marks)**
 - b) Water borne **(2 Marks)**

- c) Water shed (2 Marks)
8. State four elements of the disease transmission cycle (4 Marks)

SECTION B. Answer ANY 2 Questions (40 marks)

1. Food is essential for growth and development but it can be responsible for the spread /cause of disease. Discuss. [20 Marks]
2. Discuss the impact of a polluted environment on human health. [20 Marks]
3. Explain the following about global warming/climate change:
- a. What are some of the five environmental effects caused by global warming? [10 Marks]
 - b. What are some of the five environmental health effects that could be caused by global warming? [10 Marks]