



GRETSA UNIVERSITY - THIKA

UNIVERSITY EXAMINATIONS MAY - AUGUST 2018 SEMESTER

CERTIFICATE IN ENVIRONMENTAL HEALTH

COURSE CODE: CIEH 010

COURSE TITLE: INTRODUCTION TO PUBLIC HEALTH

DATE: 10 AUGUST 2018

TIME: 11.30 AM – 2.30 PM

INSTRUCTIONS TO CANDIDATES

1. SECTION A IS **COMPULSORY**.
2. SECTION B: ANSWER ANY OTHER **THREE** QUESTIONS.
3. **DO NOT** WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.
4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.

CAUTION: *All exam rooms are under CCTV surveillance during the examination period.*

SECTION A: COMPULSORY

MULTIPLE CHOICE QUESTIONS [1-5]

[ONE MARK EACH]

1. Which of the following does not fall under public health services?
 - A. Mass deworming
 - B. Treatment of drinking water in households
 - C. Surgical operations
 - D. Provision of Insecticide Treated Mosquito Nets

2. Public health does which of the following:
 - A. Mobilizes communities
 - B. Provides conditions conducive to health
 - C. Promotes healthy lifestyles
 - D. All of the above

3. The following infections can be vaccinated against except
 - A. Diphtheria
 - B. Tuberculosis
 - C. Pneumonia
 - D. Malaria

4. Exclusive breast feeding of babies should continue for:
 - A. 3 months
 - B. 6 months
 - C. 12 months
 - D. 24 months

5. Mobile phones can be used in health promotion to:
 - A. Provide information
 - B. Train health workers
 - C. Monitor behaviors and performance
 - D. All of the above

SECTION A: COMPULSORY

SHORT ANSWER QUESTIONS [ANSWER ALL QUESTIONS IN THIS SECTION]

1. State any five factors that hinder health and development [5 Marks]
2. Outline the three main areas of focus in public health [3 Marks]
3. List any five vulnerable groups in the community [5 Marks]
4. Outline any five host factors that determine their disease status [5Marks]
5. List five principles of primary health care [5 Marks]
6. Outline four sources of water source contamination/pollution [4 Marks]
7. Highlight the three levels of health care as stipulated by World Health Organization [3 Marks]
8. State any five diseases that can be prevented at the community level intervention [5 Marks]

SECTION B

[CHOOSE ANY THREE QUESTIONS]

1.
 - a) Discuss six essential elements of public health [12 Marks]
 - b) Using examples describe the four levels of prevention of diseases as used in public health [8 Marks]
2.
 - a) Discuss any five major disciplines in public health [15 Marks]
 - b) Describe five factors to consider in community mobilization [5 Marks]
3.
 - a) Discuss the ten personal hygiene practices that will help prevent occurrence of disease in the community [10 Marks]
 - b) Differentiate between public health model and the medical model [10 Marks]
4.
 - a) Using examples, discuss any five environmental hazards [15 Marks]
 - b) Explain five elements of health promotion as a component of public health [5 Marks]