



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
HIGHER DIPLOMA IN COMMUNITY HEALTH PRACTICE
END OF SEMESTER EXAMINATION JAN/APRIL 2024

UNIT CODE: HDCH 123
UNIT NAME: COMMUNICABLE AND NON-COMMUNICABLE DISEASES
Date: 11th April 2024
Time: 2 hours 4.30 PM ----- 6.30 PM

INSTRUCTIONS

1. This exam is marked out of 60 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (20 Marks)
Section B: Long Answer Questions (40 Marks)
3. All questions in Section A are compulsory and Answer any TWO questions in Section B
4. This online exam shall take 2 Hours
5. Late submission of the answers will not be accepted
6. Ensure your web-camera is on at all times during the examination period
7. No movement is allowed during the examination
8. Idling of your machine for 5 min or more will lead to lock out from the exam
9. The Virtual Assessment System (VAS) has inbuilt integrity checks to detect cheating
10. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam
11. In case you have any questions call the Invigilator on Tel +254720573449
12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: ATTEMPT ALL QUESTIONS (20 MARKS)

1. Define the following term
 - a. Seizure (1 Mark)
 - b. Common Injuries (1 Mark)
 - c. Airborne Diseases (1 Mark)
2. Outline FOUR factors suspected to be the cause of epilepsy (4 Marks)
3. Elucidate FOUR risk factors of breast cancer (4 Marks)
4. Differentiate between Marasmus and Kwashiorkor (4 marks)
5. Highlight TWO symptoms of typhoid (2 Marks)
6. Outline THREE prevention and control strategies of syphilis (3 Marks)

SECTION B : ATTEMPT ANY ONE QUESTION EACH IN THE TWO SECTIONS (40 MARKS)

COMMUNICABLE DISEASE SECTION (ATTEMPT ANY ONE QUESTION)

7.
 - a. Describe the lifecycle of *Ascaris Lumbricoides* (Roundworms) (8 Marks)
 - b. Explain FOUR strategies of preventing intestinal worms' infestation (12 Marks)
8. Pulmonary tuberculosis (TB) is a contagious bacterial infection that involves the lungs. It may spread to other organs
 - a. Describe the etiology of pulmonary tuberculosis (TB) (6 Marks)
 - b. Identify FIVE signs and symptoms of pulmonary tuberculosis (5 Marks)
 - c. Explain THREE prevention strategies useful in the prevention and control of pulmonary tuberculosis (9 Marks)

**NON-COMMUNICABLE DISEASES SECTION (ATTEMPT ANY ONE
QUESTION)**

9. A patient suspected to be having chronic kidney failure was brought to your clinic. The family sort your services to explain to them how better to manage the illness. Discuss FIVE strategies on how to manage chronic kidney failure that you would share with the family members. (20 Marks)
10. Describe the FOUR classifications of diabetes as per WHO (8 Marks)
Explain FOUR strategies of prevention of diabetes (12 Marks)

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