

Uganda Martyrs University

Faculty of Health Sciences

Master of Public Health - Health Promotion

Class: 2022/2024

Year of study: Two

Semester: One

Course: Disease Prevention & Control

Code: MPHHP4212

Date: 18th May 2024

Time: 9AM - 12PM

Instructions:

This paper consists of two sections, A and B. Section A has one question and it is compulsory. Section B has four questions; you are required to choose three questions.

SECTION A (40 Marks):

1. Uganda is a vulnerable country to public health emergencies given its geographical location, and in the past three years, Uganda has experienced COVID-19, EBOLA, and Anthrax among others. As an expert in Disease Prevention and control, and using Anthrax as an example, discuss the core technical pillars you would institute if you are appointed as the Anthrax Outbreak Incident Commander.

SECTION B (Each question carries 20marks):

1. Using Tuberculosis (TB) as an example, briefly explain the stages of development of a disease (in chronological order), putting more emphasis on the public health aspects of TB prevention.
2. Effective disease prevention interventions adopt a settings approach to Health Promotion as this enables Public Health practitioners target many people. Using examples, identify five (05) common settings and discuss why these are strategically important for Public Health professionals in designing strategies intended at Prevention of Diseases and Promotion of health.
3. Malaria is still claiming many lives in Uganda, and assuming you have been hired as a technical specialist for Malaria Prevention by Ministry of Health, propose strategies applicable in the Ugandan setting that can be implemented and sustained in the fight against Malaria. For each *strategy proposed*, briefly show how it can be best *implemented*.
4. Developing of Strategies intended at Disease Prevention and Control requires an understanding of different behaviour change theories and models, and their application. With examples, demonstrate how the Socio Ecological Model can be used as a guide in designing strategies geared towards prevention of type 2 Diabetes Mellitus.

GOOD LUCK!