



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTERS IN PUBLIC HEALTH
END OF SEPTEMBER-DECEMBER TRIMESTER 2022 EXAMINATIONS
MPH 711: PRINCIPLES OF PUBLIC HEALTH

Date: 16th December 2022

Time: 3 hours

Start: 4.00 PM

Stop: 7.00 PM

INSTRUCTIONS

1. This exam is marked out of 100 Marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (25 Marks)
Section B: Long Answer Questions (75 Marks)
3. All questions in Section A are compulsory and Answer any THREE questions in Section B
4. This online exam shall take 3 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 Learning Management System (LMS) 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: COMPULSORY QUESTION

Q1

- a) Highlight the scientific approach applied in addressing public health problems (6 marks)
- b) Justify why children under five years are considered to be more vulnerable to morbidity and mortality than adults. (7 marks)
- c) Outline the role of well-baby clinics (6 marks)
- d) Highlight THREE nutrition/malnutrition indicators among children under five. (6 marks)

SECTION B: LONG ANSWER QUESTIONS: ANSWER ANY THREE QUESTIONS

Q2. Justify the contribution of the following in improving public health practice:

- a) Hippocrates (5 marks)
- b) Louis Pasteur (6 marks)
- c) John Snow (8 marks)
- d) Robert Hooke (6 marks)

Q3:

- a) Elaborate on the application of passive vaccination. (10 marks)
- b) Justify the timing of the provision of the measles, BCG and pentavalent vaccines to children in the WHO Expanded Immunization Programme. (15 marks)

Q4 Discuss challenges associated with child spacing methods that adversely affect the uptake of these services among rural women in Sub-Saharan Africa. (25 marks)

Q5: Evaluate the success of the progress made in in addressing the Primary Health Care Alma Ata Declarations in Sub-Saharan Africa (25 marks).

Q6: Ebola epidemics sporadically occur in some African countries. Elaborate the prevention port health measures that may be put in place by neighboring countries to prevent spread of the disease into their countries from a country experiencing the epidemic. (25 marks).