



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTER OF PUBLIC HEALTH
END OF SEMESTER EXAMINATION DECEMBER 2024

MPH 711: PRINCIPLES OF PUBLIC HEALTH

DATE: MONDAY 9TH DECEMBER 2024

TIME: THREE HOURS START: 5.00PM HOURS FINISH 8.00PM HOURS

INSTRUCTIONS

1. This exam will be graded 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 your machine for 5 minutes or more will lead to a lockout from the exam.
9. The Virtual Assessment System (VAS) has built-in integrity checks to detect cheating.
10. Any aspect of cheating detected during and or after the exam administration will lead to disciplinary measures.
11. In case you have any questions, call the invigilator for this exam Prof. Anselimo Makokha on Tel. +254713817436 a or the Head of Department Dr. Faith Muhonja on Tel +254 723 742 370 or ICT related questions Mr. Patrick Njine on Tel +254725835496
12. For adverse incidences, please write an email to amiu.examinations@amref.ac.ke

SECTION A: COMPULSORY (25 MARKS)

1. Systematic thinking about how to establish the determinants of health and disease was not suddenly invented by a single individual, but evolved over centuries. Justify the significance of contributions to this public health evolution by the following: (Each 5 marks).
 - a) Robert Hooke
 - b) John Snow
 - c) Louis Pasteur
 - d) Watson and Crick
 - e) James Lind

SECTION B: ANSWER ANY THREE (3) QUESTIONS (75 MARKS)

2. Evaluate the improvements in Public health response to pandemics from the Bubonic Plague to the COVID 19 pandemic (25 marks).
3. a) Explain ONE maternal and TWO child health indicators in a community, as per the Sustainable Development Goals (6 marks).
b) Discuss the measures involved in the component of health promotion and disease prevention during Focused Antenatal Care (19 marks)
4. In the Alma Ata meeting of 1978, world governments agreed on primary health care declarations that were to lead to attaining health for all by the year 2000, a goal that has not been achieved in Sub-Saharan African countries. Evaluate the challenges that need to be addressed for successful implementation of these declarations in Africa (25 marks)
5. You have been put in charge of a health surveillance team to track the emerging threat of M-Pox in your country. Propose a surveillance implementation plan that you will put in place to achieve the goal of successful surveillance. (25 marks).
6. Discuss the general health requirements that should be put in place at the workplace as per the Occupational Safety Act requirements. (25 marks).