



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTER OF PUBLIC HEALTH
END OF SEMESTER EXAMINATION DECEMBER 2025

UNIT CODE: MPH 711 UNIT NAME: PRINCIPLES OF PUBLIC HEALTH

DATE: December 2025

TIME: Three Hours

Start: 1630 Hours

Finish 1930 Hours

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. The question in Section A is compulsory. In addition, answer any THREE questions in Section B
4. The exam shall take 3 Hours

SECTION A: COMPULSORY (25 Marks)

Short Answer Questions

1. Justify the timing of the provision of the following vaccines in the WHO Expanded Programme of Immunization (EPI) schedule for children after birth: **(25 marks)**
 - a) Measles (5 marks)
 - b) BCG (5marks)
 - c) Hepatitis B (5 marks)
 - d) Diphtheria (5 marks)
 - e) Polio (5 marks)

Section B: Answer any THREE questions from this section

2. Public health practice is grounded on a firm scientific basis. Elaborate on the systematic scientific approach of addressing public health problems. **(25 marks)**
3. Discuss five differences between the principles applied in the prevention and control of communicable diseases from those applied in the prevention and control of non-communicable diseases. **(25 marks)**
4. Climate change poses one the greatest risk to human health. Evaluate FIVE main sources of greenhouse gas emissions that contribute to global warming. **(25 marks)**
5. As per the Primary Health Care Alma Ata declaration of 1978, the overall target of health for all was supposed to be attained by 2000. Account for the reasons why this has not been the case over 45 years later in most African countries in Sub-Saharan Africa. **(25 marks)**
6. Discuss five differences between health requirements and welfare requirements at the workplace as per the Occupational Safety and Health Act. **(25 marks).**