



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH PRACTICE
END OF MAY-AUGUST 2024 SEMESTER EXAMINATIONS**

UNIT CODE: AIU 122

UNIT NAME: HIV/AIDS EDUCATION

DATE: WEDNESDAY 14TH AUGUST 2024

TIME: TWO HOURS

START: 4.30 PM **STOP:** 6.30PM

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (30 Marks)
Section B: Long Answer Questions (40 Marks)
3. This online exam shall take TWO Hours
4. All questions in Section A are compulsory and Answer any TWO questions in Section B
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 Test (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 for this exam on Tel. -----
and or the Head of Department on Tel 0723742370
12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: COMPULSORY (30 Marks)

1. Explain the difference between HIV and AIDS and how HIV progresses to AIDS (2 marks)
2. Define the following terms in the context of HIV/AIDS (2 marks)
 - a) Incidence
 - b) Prevalence
3. Outline 3 ways that HIV testing contributes to both prevention and treatment efforts (3 marks)
4. Identify what VMMC is and how it protects against HIV infection (3 marks)
5. Briefly explain the role of antiretroviral therapy (ART) in HIV management and prevention (3 marks)
6. Highlight 3 reasons why people may fail to adhere to their anti-retroviral treatment (3 marks)
7. Highlight the role of HIV prevalence data in public health monitoring and intervention planning (4 marks)
8. Describe 5 strategies can be implemented to address stigma and discrimination surrounding HIV/AIDS (5 marks)
9. Describe the legal framework of HIV/AIDS in Kenya highlighting how it protects the rights of people living with HIV (5 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

10. You are a nurse working in a Maternal and Child Health (MCH) clinic. A 25-year-old woman, Neema, is attending her first antenatal visit at 16 weeks pregnant. She has never been tested for HIV before.
 - a) What are the key steps you would take to manage Neema's care in the context of PMTCT (Prevention of Mother-to-Child Transmission)? (10 Marks)
 - b) Explain the rationale for each step you outlined above. (10 Marks)
11. Despite a reduction in HIV prevalence in Kenya, some regions continue to have very high rates of HIV-positive cases. The Kenyan government has initiated a program to implement Pre-Exposure Prophylaxis (PrEP) as part of a comprehensive strategy to curb the spread of HIV nationwide.
 - a) Explore factors that contribute to the success of PrEP adoption (5 Marks)
 - b) Discuss the key challenges in implementing PrEP (5 Marks)
 - c) Analyze the role of community engagement and awareness campaigns in promoting the use of PrEP. (10 Marks)
12. An effective response to HIV/AIDS requires collaboration across various sectors.
 - a) Discuss the role of government agencies, civil society organizations, and international partners in addressing the epidemic in Kenya. (10 Marks)
 - b) Evaluate the effectiveness of current multi-sectoral approaches and suggest potential improvements for Kenya's context. (10 Marks)