



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND
DEVELOPMENT / BACHELOR OF SCIENCE IN HEALTH RECORDS AND
INFORMATION MANAGEMENT
END OF FIRST SEMESTER EXAMINATION APRIL 2025
AIU 122 HIV/AIDS EDUCATION

TIME: Two Hours

Date : 14th April 2025 **Start:** 4:30 pm **End:** 6:30 pm

INSTRUCTIONS TO CANDIDATES

- 1) This exam is out of 70 marks
- 2) Section-A is compulsory with a Total of 30 Marks
- 3) Answer any TWO (2) questions in Section B

Read carefully the additional instructions preceding each section.

SECTION A: COMPULSORY (30 Marks)

Short Answer Questions

1. Define the following terms as used in HIV/AIDS management:
 - a. Serodiscordant (2 marks)
 - b. Window period (2 marks)
 - c. Undetectable viral load (2 marks)
2. List the 3 primary modes of HIV transmission (3 marks)
3. Describe three ways that someone can reduce their risk of acquiring HIV (3 marks)
4. List four of the latest advancements in HIV prevention and treatment (4 marks)
5. Describe four key factors influencing the effectiveness of Prevention of Mother-to-Child Transmission (PMTCT) programs (4 marks)

6. Describe five ways that HIV affects families (5 marks)
7. Describe five ways stigma and discrimination affect HIV management (5 marks)

SECTION B (Set 3 Questions each 20 Marks)

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

Long Answer Questions

8. The Kenyan government, through various laws and policies, has taken steps to ensure that there are legal frameworks in place for HIV management.
 - a. Outline 5 key HIV policies implemented by the Kenyan government (10 marks)
 - b. Recently international funding for HIV programmes has been significantly reduced. Describe how Kenya can sustain and implement its HIV policies effectively despite this reduced funding (10 marks)
9. You are a nurse working in a Maternal and Child Health (MCH) clinic. A 25-year-old woman, Kanga, is attending her first antenatal visit at 16 weeks pregnant. She has never been tested for HIV before.
 - a. Describe the key steps you would take to manage Kanga's care in the context of Prevention of Mother-to-Child Transmission (10 marks)
 - b. Explain the rationale for each step you outlined above (10 marks)
10. A local health centre in Makutano Village is trying to promote uptake of HIV Testing Services, but many people are still hesitant to get tested due to persisting misinformation. The health workers are looking for ways to encourage more individuals to get tested.
 - a. Describe the role of HIV Testing Services in the prevention and management of HIV/AIDS (5 marks)
 - b. Outline some of the possible barriers that prevent people from seeking HIV testing (5 marks)
 - c. Propose an intervention that can address the barriers identified above to promote HIV testing in Makutano Village (10 marks)