



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND
DEVELOPMENT

END OF THIRD SEMESTER EXAMINATION DECEMBER 2025

AIU 122 HIV/AIDS EDUCATION

TIME: Two Hours
Date : December 2025
TIME : Start-----End.....

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. Key populations (2 marks)
 - b. CD4 cells (2 marks)
 - c. Treatment as Prevention (2 marks)

2. Describe two (2) ways that the use of alcohol and drugs influences HIV transmission. (2 marks)

3. Outline three (3) ways stigma and discrimination hinders HIV prevention and treatment efforts. (3 marks)

4. List four (4) benefits of HIV testing to a couple. (4 marks)

5. Discuss five (5) new HIV prevention strategies and their potential impact. (5 marks)
6. Discuss five (5) ways that comprehensive sex education is important in managing HIV transmission among young people. (5 marks)
7. Describe five (5) ways that HIV and AIDS has impacted the economy, specifically focusing on Kenya. (5 marks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

Long Answer Questions

8. Kenya has made great strides in HIV prevention and treatment partly due to donor support from international partners such as the United States Government, the Global Fund and others. However due to shifting donor priorities there has been a recent decline in funding for HIV.
 - a) Identify five key challenges currently facing HIV funding in Kenya (5 marks)
 - b) Discuss five opportunities that Kenya can explore to sustain HIV programmes (15 marks)
9. Despite lower prevalence rates, stigma associated with HIV/AIDS continues to be a barrier to accessing HIV testing and treatment services.
 - a) Discuss five ways in which stigma and discrimination impacts people living with HIV (PLHIV) (10 marks)
 - b) Describe five strategies that can be implemented to address stigma and discrimination to encourage testing and treatment (10 marks)
10. According to 2024 data from the National Syndemic Diseases Control Council, 8 counties of Kisumu, Homabay, Migori, Siaya, Nairobi, Mombasa, Nakuru and Kiambu account for half of all people living with HIV. Further, 39% of new adult infections occurred among young people aged 15-24 years with young women representing 31% of new cases compared to 8% among young men in the same age group.
 - a) Identify five main HIV trends emerging from this data (5 marks)
 - b) Propose five evidence-based HIV-prevention interventions that can reduce new infections to address the observed gender and geographic disparities in HIV burden (15 marks)