



**AMREF INTERNATIONAL UNIVERSITY**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF COMMUNITY HEALTH**  
**BACHELOR OF SCIENCE IN COMMUNITY HEALTH & HEALTH SYSTEM AND**  
**DEVELOPMENT.**  
**SPECIAL/SUPPLEMENTARY EXAMINATION MARCH 2024**

**UNIT CODE:** AIU 122 HIV/AIDS

**DATE:** MARCH 2024

**TIME:** TWO Hours

**Start:** 2hrs

**Finish:** hrs

**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. All questions in Section A are compulsory and Answer any TWO questions in Section B
4. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam
5. In case you have any questions call the invigilator on +254 720592609 or Head of Department on Tel +254720573449 and Tel 0725984499
6. For adverse incidences please write an email to: [amiu.examinations@amref.ac.ke](mailto:amiu.examinations@amref.ac.ke)

## **SECTION A: COMPULSORY (30 Marks)**

### **Short Answer Questions**

1. Differentiate between
  - i. HIV-1 and HIV-2. (2 marks)
  - ii. Innate and adaptive immunity. (2 marks)
2. List down four groups of people who are at high risk of contracting HIV/AIDS. (4 marks)
3. State the factors that led to a decline in HIV/AIDS cases in Kenya between 2013-2021. (4 marks)
4. Briefly explain why HIV patients acquire opportunistic infections. (3 marks)
5. Outline what you perceive to be the immediate needs of a client who has just tested HIV positive. (4 marks)
6. Highlight why a patient who has developed full blown AIDS should be taken care of at home than being hospitalized. (4 marks)
7. Outline the window phase of HIV infection. (4 marks)
8. State ways of prevention of Mother to Child Transmission. (3 marks)

## **SECTION B**

### **ANSWER ANY TWO (2) QUESTIONS (40 Marks)**

#### **Long Answer Questions**

1. Discuss
  - a) The impact of HIV on the education sector. (10 marks)
  - b) The biological factors that increase the risk of HIV transmission. (10 marks)
2. Describe the life cycle of HIV and the ARVs used for stopping progression of the virus (20 marks)
3. Discuss the importance and benefits of nutritional interventions in HIV/AIDS management (20 marks)