

**TECHNICAL UNIVERSITY OF MOMBASA**

**FACULTY OF APPLIED AND HEALTH SCIENCES**

**DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR THE CERTIFICATES IN  
CATERING & ACCOMMODATION, BUSINESS MANAGEMENT,  
HUMAN RESOURCE MANAGEMENT, STORES MANAGEMENT,  
FRONT OFFICE OPERATION, SALES AND MARKETING.**

**CCAM/CBM/ CHRM/ CSTM /CFOO/CSM**

**APH 1101: HIV/ AIDS AND SUBSTANCE ABUSE**

**SEMESTER EXAMINATION**

**SERIES: APRIL/MAY 2016**

**TIME: 2 HOURS**

*Instructions to Candidates*

This paper consists of **FIVE(5)** questions

Answer question ONE (COMPULSORY) and any other TWO questions.

*This paper consists of two printed pages.*

**Question 1. (30 Marks)**

- a) Differentiate between HIV and AIDS. (4 marks)
- b) Compare and contrast HIV-1 and HIV-2. (4 Marks)
- c) What are CD4 cell counts and viral load tests? (3 Marks)
- d) Does having a sexually transmitted disease (STD) affects risk of getting HIV? Explain. (2 Marks)
- e) Explain why HIV counseling and testing (C&T) is an important process. (2 Marks)
- f) How does HIV cause problems in the body? (5 Marks)
- g) What is the difference between anonymous and confidential testing? (3 Marks)
- h) How does drug addiction treatment help reduce the spread of HIV/AIDS, hepatitis C (HCV), and other infectious diseases? (3 Marks)
- i) How is HIV spread from one person to another? (4 Marks)

**Question 2. (15 Marks)**

What are the symptoms of HIV and AIDS?

**Question 3. (15 Marks)**

- i. Explain how having sexually transmitted disease (STD) affects risk of getting HIV. (3Marks)
- ii. How can people who inject drugs reduce their risk of HIV infection? (12 marks)

**Question 4. (15 Marks)**

Outline full account of HIV disease progression.

**Question 5. (15 Marks)**

Discuss the primary and secondary HIV prevention among the substance/drug abuse individuals.