

# TECHNICAL UNIVERSITY OF MOMBASA

## FACULTY OF APPLIED AND HEALTH SCIENCES

### DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE CERTIFICATES IN  
BUSINESS MANAGEMENT, HUMAN RESOURCE MANAGEMENT,  
FRONT OFFICE, LOGISTIC & TRANSPORT MANAGEMENT,  
STORES MANAGEMENT, CATERING & ACCOMMODATION,  
ELECTRIC & ELECTRONIC ENGINEERING, COMMUNITY  
DEVELOPMENT & COUNSELLING, COMPUTER SCIENCE, MEDIA  
& COMMUNICATION STUDIES.

CBM/CHRM/CFOO/CLTM/CSTM/CCAM/CEEE/ CCDC/ CCS /CMAC

APH 1101: HIV/ AIDS AND SUBSTANCE ABUSE

SEMESTER EXAMINATION

SERIES: DECEMBER 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). Mention FOUR reasons why the study of HIV / AIDS is important. (4 Marks)
- b). Differentiate between HIV and AIDS. (2 marks)
- c). What are CD4 cell counts and viral load tests count? (2 Marks)
- d). Does having a sexually transmitted disease (STD) affects risk of getting HIV? Explain. (2 Marks)
- e). Compare and contrast HIV-1 and HIV-2. (5 Marks)
- f). Differentiate between drug and drug abuse. (3 Marks)
- g). How is HIV not spread from one person to another? (4 Marks)

h). What is the difference between anonymous and confidential testing? (2 Marks)

i). How does drug addiction treatment help reduce the spread of HIV/AIDS, hepatitis C (HCV), and other infectious diseases? (2 Marks)

j). How does HIV cause problems in the body? (2 Marks)

k). Explain why HIV counseling and testing (C&T) is an important process. (2 Marks)

**Question 2. (15 Marks)**

- i. Describe the life cycle of HIV. (6 Marks)
- ii. Discuss why there is high incidence of pre-marital sex among the youths. (9 Marks)

**Question 3. (15 Marks)**

- i. Explain why the female condom is rarely used as a means of protection during sexual intercourse. (3Marks)
- ii. How can people who inject drugs reduce their risk of HIV infection? (12 marks)

**Question 4. (15 Marks)**

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

**Question 5. (15 Marks)**

Discuss the **A, B, C, D** method of prevention, protection and control of HIV / AIDS and STI's.