

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) (i) Define the term STI and give two examples (4 marks)
(ii) Does having a sexually transmitted disease (STD) affects risk of getting HIV? Explain. (2 Marks)
- b) Give the three broad categories under which mental disorders of concern in HIV-infected substance abusers may be divided into. (3 Marks)
- c) State THREE limitations of antiretroviral drugs. (3 Marks)
- d) What are CD4 cell counts and viral load tests counts? (2 Marks)
- e) Who is at risk for getting HIV? (3 Marks)
- f) List factors that may hinder food consumption in HIV-Infected individuals. (4 Marks)
- g) How is HIV spread? (3Marks)
- h) What is the difference between anonymous and confidential testing? (3 Marks)

- i) Give at least three strategies that alcohol and drug counselors may wish to suggest to clients who are at risk of relapse because of HIV-related stress. (3 Marks)

Question 2. (15 Marks)

- i. Compare and contrast HIV 1 and HIV 2. (5 Marks)
- ii. What are some of the high-risk situations that may lead to HIV/AIDS infection among the adolescents or youths? (10 Marks)

Question 3. (15 Marks)

Good nutrition is a fundamental part of overall medical care. It improves strength, energy, longevity, and quality of life; increases muscle mass and body weight; decreases likelihood of hospitalization and length of stay; and slows progression of HIV to AIDS. Without adequate nutrition, HIV/AIDS clients can easily develop malnutrition. Discuss the various causes of malnutrition and weight loss.

Question 4. (15 Marks)

- i. Describe the life-cycle of HIV virus. (7 Marks)
- ii. State EIGHT factors that contribute to the transmission of HIV. (8 Marks)

Question 5. (15 Marks)

Discuss the measures that Kenya Government has undertaken to address HIV/AIDS pandemic