TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIREMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

CERTIFICATES INCOMPUTER SCIENCE

CCS /YEAR1/SEMESTER1

APH 1101: HIV/ AIDS AND SUBSTANCE ABUSE
SPECIAL/ SUPPLIMENTARY EXAMINATIONS
SERIES: SEPTEMBER 2018
TIME: 2 HOURS

Instructions to Candidates
This paper consists of FIVE questions
Answer question ONE (COMPULSORY) and any other TWO questions.
This paper consists of two printed pages.
Mobile phones are NOT allowed in the examination room

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). Explain five none modes of HIV transmission   (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)
   a) Discuss prevention and management of HIV/AIDS   (10 Marks)
   b) List five common opportunistic infections in HIV/AIDS   (5 Marks)

QUESTION 5 (15 Marks)

Discuss factors that contribute to mother to child transmission of HIV/AIDS   (15Marks)