



**TECHNICAL UNIVERSITY OF MOMBASA**

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FACULTY OF APPLIED AND HEALTH SCIENCES  
DEPARTMENT OF ENVIROMENT & HEALTH SCIENCES

**UNIVERSITY EXAMINATION FOR:**

**DIPLOMA IN**

**DES/DAC/DSL/T/DMLS/DPT/DIMB/DFQA/  
DPR/DMAC/DGD/DMEN/DEA/DNS/DTEE/  
DEPE/DTIE/DTIC/DSSO/DLTM/DPMMD/HRM/DBM/DSM/DFOO/DACC/  
DBA/DICT/DME/DTME/DRSC/DCAM/DHIM/DCDC/DTM/17S/YEAR1/  
SEMESTER 1**

**APH 2101: 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***

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**QUESTION ONE (30 MARKS)**

a) Define the following terms:

- |      |                         |       |
|------|-------------------------|-------|
| I.   | Window period           | (1mk) |
| II.  | Opportunistic infection | (1mk) |
| III. | CD4 Count               | (1mk) |
| IV.  | Syndrome                | (1mk) |
| V.   | Exclusive breastfeeding | (1mk) |

b) State the two types of HIV and their differences (4mks)

c) Outline the relationship between HIV and STIs (4mks)

d) Briefly describe the relationship between alcohol and HIV/AIDS (3mks)

e) State three WHO's guiding principles for expanded testing and counseling that must be adhered to by all services offering HIV testing and Counseling (3mks)

f) Mention four cultural and traditional practices that enhance the spread of HIV/AIDS (4mks)

g) Briefly describe the effects of HIV on nutrition (4mks)

h) State reasons why informed consent in HIV testing may be overlooked (3mks)

### **QUESTION TWO**

HIV/AIDS infection is on the rise in Kenyan Universities. Describe practicable campaign strategies to be used to reduce this high rate of infection (15mks)

### **QUESTION THREE**

Describe the HIV life cycle (15mks)

### **QUESTION FOUR**

a) Discuss structural intervention adopted by UNAIDS in HIV prevention (6mks)

b) Discuss objectives of the HIV/AIDS prevention and control (9mks)

### **QUESTION FIVE**

Discuss the impacts of the HIV/AIDS pandemic in Kenya (15mks)