

TECHNICAL UNIVERSITY OF MOMBASA  
FACULTY OF APPLIED AND HEALTH SCIENCES  
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES  
**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN  
COMMUNITY HEALTH AND HIV MANAGEMENT**  
DCH 15J  
**ACM2204: HIV TESTING AND COUNSELLING**  
SEMESTER EXAMINATION  
SERIES: APRIL/MAY 2016  
**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.*

**QUESTION ONE (COMPULSORY)**

a). define the following terms:-

- |      |                       |         |
|------|-----------------------|---------|
| i.   | Discordancy           | (1mark) |
| ii.  | HIV                   | (1mark) |
| iii. | Seroconversion        | (1mark) |
| iv.  | Vertical transmission | (1mark) |
| v.   | ARVs                  | (1mark) |

b). Explain serial algorithm for rapid HIV testing. (4marks)

c). State five benefits of home based testing and counseling (HBTC) (5marks)

d). Describe two HTC sites in a health facility (4 marks)

e). Explain consent as a core principle of HTC. (4marks).

f) Highly sensitive rapid HIV test give results in less than 30 minutes, name three rapid tests currently used in Kenya and state four characteristics of them. (6marks).

g). Differentiate between viral load and CD4 count. (2marks).

**QUESTION TWO (15MARKS).**

a) In relation to impacts of HIV; Highlight any seven sectors that may suffer set back due to HIV impact socially and economically.(7marks)

b) In some occasions, HIV testing and counseling can be conducted without consent. Explain **five** special circumstances under which one can be required to undergo non-voluntary HIV testing and counseling. (4marks)

c) Before using a condom, proper procedure is required; explain three important things one must adhere to, for successful outcome (4marks)

**QUESTION THREE (15 MARKS)**

HIV testing and counseling (HTC) is provided a variety of settings discuss three examples of community based sites (15marks)

**QUESTION FOUR (15MARKS).**

Three elements make up the minimum service package of HTC, discuss these primary components.

**QUESTION FIVE (15 MARKS)**

During a Technical University of Mombasa HIV/AIDS awareness week, you tested positive. Explain the measures you would undertake to ensure that you continue to live long despite infection.