



**TECHNICAL UNIVERSITY OF MOMBASA**

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

**UNIVERSITY EXAMINATION FOR:  
DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT  
DCHM/16M/YEAR 2/SEMESTER 2  
ACM 2204: HIV TESTING AND COUNSELLING**

**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**

a). define the following terms:-

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

- b). Describe 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, state three rapid tests currently used in Kenya and highlight 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. (5marks)
- c) Before using a condom, proper procedure is required; explain three important things one must adhere to, for successful outcome. (3marks)

**QUESTION THREE (15 MARKS)**

Enumerate the two main clinical staging system used to classify HIV and HIV related diseases for surveillance purpose.

**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.