



# Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF PURE AND APPLIED SCIENCES  
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR

**ALL FIRST YEAR DEGREE CLASSES  
Y1S1**

**APH 4101 : HIV AIDS AWARENESS & MANAGEMENT**

SUPPLEMENTARY/SPECIAL: EXAMINATION

MARCH 2014 SERIES

2 HOURS

Instructions to candidates:

This paper consists of **FIVE** questions

Answer question **ONE** (compulsory) and any other **TWO** questions

## QUESTION ONE

- In the context of HIV prevention explain how tradition male circumcision contributes to the spread of HIV **(3 marks)**
- List any five sexual transmitted infections **(5 marks)**
- Explain the integration phase of HIV life cycle **(3 marks)**
- State four laboratory tests that can be used for diagnosis of HIV infection **(4 marks)**
- Briefly explain four disadvantages of using antiretroviral drugs ARVs **(4 marks)**
- Outline four factors that contribute to HIV /AIDs related stigma. **(4 marks)**
- State five factors that may affect HIV diseases progression. **(5 marks)**

h) Outline two theories associated with origin of HIV

**(2 marks)**

## **QUESTION TWO**

a) Discuss the impact of HIV AIDS on the health sector

**(10 marks)**

b) Some cultural practices have been observed to be an obstacle in the fight against HIV/AIDS. Discuss five factors that may fuel transmission of HIV/AIDS. **(10 marks)**

## **QUESTION THREE**

a) Citing five appropriate examples, discuss how female genital mutilation (FGM) increases the risk of HIV infections. **(10 marks)**

b) Discuss five factors that hinder utilization of condom as a HIV prevention tool.

**(10**

**marks)**

## **QUESTION FOUR**

a) Briefly explain the five main objectives of the Kenyan HIV control act 2006. **(10 marks)**

b) Discuss ten campaign methods that can be used to increase HIV/AIDS awareness levels in your country. **(10 marks)**

## **QUESTION FIVE**

a) Discuss any four roles of VCT in HIV/AIDS prevention and control.

**(8 marks)**

b) Discuss the roles of nutrition in management of HIV/AIDS

**(12 marks)**