



**MURANG'A UNIVERSITY COLLEGE**  
**(A constituent college of Jomo Kenyatta University of Agriculture and Technology)**

UNIVERSITY EXAMINATIONS 2015/2016

FIRST YEAR FIRST SEMISTER EXAMINATION FOR DIPLOMA

SZL:1111 HIV/AIDS

**DATE: 7<sup>TH</sup> DECEMBER 2015**

**TIME : 2HOURS**

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**INSTRUCTIONS**

Answer Question ONE (Compulsory) and any other TWO(2) Questions

Use illustrations where appropriate

## QUESTION ONE

a) Differentiate the following terminologies ;

- i. Lenti -virus and retro virus
  - ii. HIV 1 and HIV 2
  - iii. Sex object and sex symbol (6marks)
- b) Describe the viral core of the HIV structure (6 marks)
- c) Briefly explain seven factors that lead to faster development of HIV infection to full blown AIDS. (7 marks)
- d) Briefly explain FIVE factors that contribute to unfaithfulness, hence increasing the risk of HIV infection (5 marks).
- e) With the use of examples explain the function of Antigen Presenting Cells(APCs) ( 3 marks)
- f) State *four* challenges of Home Based Care(HBC) (4 marks)

## QUESTION TWO

Describe the life cycle of the HIV virus. (20 marks)

## QUESTION THREE

Discuss the implications of HIV/AIDS on

- i) The individual
- ii) The family (20 marks)

## QUESTION FOUR

Discuss the modes of transmission of HIV (20 marks)

## QUESTION FIVE

Discuss the relationship between drug use and drug abuse and HIV infection (20 marks)