



MURANG'A UNIVERSITY COLLEGE (MRUC)
A constituent College of Jomo Kenyatta University of Agriculture and Technology

UNIVERSITY EXAMINATIONS 2012/2013

**SUPPLIMENTARY EXAM FOR DEGREE IN
BCOM/BBIT/BIT/BHR**

SZL 2111: HIV/AIDS

DATE: APRIL 2013

TIME: 2 HOURS

INSTRUCTIONS

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO (2)
QUESTIONS**

QUESTION ONE (30 MARKS)

- a) Differentiate the following terminologies as used in epidemiology. (6mks)
- i) HIV and AIDS
 - ii) HIV-1 and HIV – 2
 - iii) Co-infection and super infection.
- b) Outline **FIVE** factors that contributes to increased vulnerability of women to HIV infection. (5mks)
- c) Name **FOUR** organs of the immune system and explain their role. (8mks)
- d) Briefly explain seven factors that lead to faster development of HIV infection to full- blown AIDS. (7mks)
- e) State any **FOUR** body fluids through which HIV transmission has been documented. (4mks)

QUESTION 2 (20MKS)

- a) Describe the life cycle of HIV virus. (16mks)
- b) Outline the contribution of poverty to the spread of HIV. (4mks)

QUESTION THREE (20MKS)

Discuss any FIVE implications of HIV/AIDS to the community. (20mks)

QUESTION FOUR - (20MKS)

VCT is a powerful weapon in the fight against HIV/AIDS. Explain the role of VCT centres as a HIV/AIDS management strategy. (20mks)

QUESTION FIVE (20 MARKS)

Describe the various laboratory methods used to detect and quantify HIV in a sample of blood. (20mks)