

## QUESTION ONE

- a) Outline **five** factors that have contributed to increased vulnerability of women to HIV infection (5 marks)
- b) Differentiate between the following terms
- i) HIV and AIDS
  - ii) HIV-1 and HIV-2
  - iii) co infection and super infection ( 6 marks)
- b) Name **four** organs of the immune system and explain their role (8 marks)
- d.) State any **four** body fluids through which HIV transmission has been documented (4 marks)
- e) Explain briefly **seven** factors that lead to faster development of HIV infection to full blown AIDS (7 marks)

## QUESTION TWO

Discuss any **five** implications of HIV/AIDS to the community (20 marks)

## QUESTION THREE

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

## QUESTION FOUR

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

## QUESTION FIVE

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



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

UNIVERSITY EXAMINATIONS 2014/2015

SUPPLEMENTARY/ SPECIAL EXAMINATIONS

FOR DIPLOMA IN ELECTRICAL/ MECHANICAL/ HOSPITALITY/CIVIL ENGINEERING/  
BUILDING/BUSINESS MANAGEMENT

SZL :1111 HIV/AIDS

DATE: 26<sup>TH</sup> OCTOBER 2015

TIME 2HOURS

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INSTRUCTIONS

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS