**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2017/2018**

**YEAR 1 SEMESTER 1 EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE**

**SZL 2111: HIV/AIDS**

**DATE: JANUARY, 2018 TIME: 2 HOURS**

**INSTRUCTIONS: Answer question ONE and Any other TWO questions**

**Question one -30 marks**

1. Describe briefly the roles of enzymes involved in the replicative cycle of HIV (6 marks)
2. Explain the correlation between sexually transmitted disease and HIV/AIDS infection (6 marks)
3. Explain briefly the contribution of HIV and CD4 cells to pathogenesis of HIV/AIDS infection (6marks)
4. Discuss briefly the diagnostic tests used in HIV/AIDS infection. (6 marks)
5. State six rights and privileges a person living with HIV/AIDS is entitled to. (6 marks)

**Question two- 20 marks**

Discuss the role of VCT in the control of HIV/AIDS infections in developing countries (20 marks)

**Question three – 20 marks**

Positive living has been correlated with reduced numbers of new HIV/AIDS infections. Discuss. (20marks)

**Question four – 20 marks**

1. Discuss why vulnerability of women to HIV infection is higher compared to men. (12 marks)
2. Outline measures put in place to protect women against acquisition of new HIV infection. (8marks)

**Question five -20 marks**

Describe all the reactions an individual testing positive for HIV goes through before accepting there new status. ( 20 marks)