



**MURANGA UNIVERSITY COLLEGE (MRUC)**  
**(A Constituent college of Jomo Kenyatta University of Agriculture and Technology)**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR DEGREE IN BCOM/BHR/BIT/BBIT**

**SZL: 2111      HIV/AIDS**

**DATE: DECEMBER 2013**

**TIME: 2 HOURS**

**INSTRUCTIONS**

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

**Use illustrations where appropriate.**

**QUESTION ONE (30MARKS)**

- a) State three advantages of knowing one's HIV (3marks)
- b) Explain the significance of sex education to a university student (3 marks)
- c) Explain factors that limits effectiveness of Highly Active Antiretroviral Therapy (3marks)
- d) State the role of drug use and abuse in HIV transmission (3marks)
- e) Explain the meaning and cause of "false positive" antibody test result (3marks)
- f) After testing HIV negative, a client was advised to revisit the VCT center after three months. Explain the basis of the given advice (3marks)
- g) Briefly explain four factors that lead to faster development of HIV infection to full-blown AIDS (4marks)
- h) Briefly explain four theories on the origin of HIV (4marks)
- i) Explain the role of the various organs of the immune system (4marks)

**QUESTION TWO (20MARKS)**

Describe the structure and functions of the components of HIV (20 marks)

**QUESTION THREE (20MARKS)**

- a) Giving specific examples, explain why people with HIV/AIDS lose body weight (8 marks)
- b) Discuss the stages of HIV infection (12 marks)

**QUESTION FOUR (20MARKS)**

- a) Explain the reasons why HIV/AIDS is stigmatized (6marks)
- c) Discuss the life cycle of HIV (14marks)

**QUESTION FIVE (20MARKS)**

Discuss the impacts of HIV on the following sectors

- a) Education (10 marks)
- b) Health (10 marks).