



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

**FIRST YEAR FIRST SEMISTER EXAMINATION FOR DEGREE**

**SZL:2111    HIV/AIDS**

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

**TIME : 2HRS**

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**INSTRUCTIONS**

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

Use illustrations where appropriate

### **QUESTION ONE (30 MARKS)**

- a) Briefly describe the conspiracy theory on the origin of HIV/aids (2 marks )
- b) Differentiate between the following
- I. Endemic, Epidemic and Pandemic ( 3 marks)
  - II. Lenti virus and Retrovirus (2 marks)
- b). Describe how HIV is transmitted from mother to child (3 marks)
- c) Briefly discuss the primary infection stage of HIV disease progression (4 marks)
- d) Define the TWO types of immunity found in humans (2 marks)
- e) Differentiate between the HIV antibody test and the Antigen test (4marks)
- f) State FOUR socio economic and cultural factors that contribute to the spread of HIV (4 marks)
- g) Outline FOUR ways in which the vulnerability of women to HIV/AIDS can be prevented (4 marks)
- h) Briefly explain TWO ways in which behavior change can be promoted among university students (2marks)

### **SECTION B (40 MARKS)**

#### **QUESTION TWO**

Discuss the prevention and control of HIV/AIDS (20 marks)

#### **QUESTION THREE**

- (a) Discuss the role of gender on the spread of HIV /AIDS in Kenya (10 marks)
- (b) Outline five global policies on HIV/AIDS that favour women (10 marks)

#### **QUESTION FOUR**

Describe the human immune system and the effect of HIV on the immune system (20 marks).