

**W1-2-60-1-6**

## JOMO KENYATTA UNIVERSITY

**OF AGRICULTURE AND TECHNOLOGY**

# University Examinations 2016/2017

**YEAR ONE SEMESTER ONE EXAMINATIONS FOR THE DEGREE OF BACHELOR OF COMMERCE/BACHELOR OF SCIENCE OF INFORMATION TECHNOLOGY/BACHELOR OF SCIENCE IN PUBLIC HEALTH**

**SZL 2111: HIV/AIDS**

**DATE: APRIL 2017 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER ONE QUESTION**

1) a) Differentiate the following terminologies;

i) Innate immunity and adaptive immunity (2 marks)

ii) Epidemic and pandemic (2 marks)

iii) Incidence and prevalence (2 marks)

b) Outline the clinical symptoms of HIV infection during the asymptomatic HIV infection phase (6 marks)

c) “CDA+ cell count and viral load determination are important in monitoring progression of HIV/AIDS”. Explain (6 marks)

d) Describe HIV/AIDS transmission through blood contact

(6 marks)

e) Describe briefly the components of home based care (6 marks)

f) Explain the limitations of using anti-retroviral drugs as a means of HIV/AIDS treatment (6 marks)

g) Explain why women are more likely to be infected with HIV than men (6 marks)

h) Outline the impacts of HIV/AIDS on health sector (6 marks)

2) Kenya is one of the countries with many HIV infection cases. Discuss the factors responsible for the rapid spread of HIV/AIDS in Kenya

(22 marks)

3) Discuss the origin of HIV as advanced in the monkey theories

(22 marks)

4) Assume that your friend has been diagnosed with HIV, advice him/her on how to live positively with HIV infection (22 marks)