

Mount Kenya



University

UNIVERSITY EXAMINATIONS 2015/2016

**SCHOOL OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH**

**ALL BACHELORS
SCHOOL BASED**

UNIT CODE: BUCU005

UNIT TITLE: HIV/AIDS AND DRUGS ABUSE

DATE: DECEMBER 2015

MAIN EXAM

TIME: 2 HOURS

INSTRUCTIONS:

ANSWER ALL QUESTIONS IN SECTION A (40 MARKS)

SECTION A

1. Giving relevant examples, define the following terms;
 - a) Prevalence (1 mark)
 - b) Symptoms (1 mark)
 - c) False negative (1 mark)
 - d) False positive (1 mark)
 - e) Epidemic (1 mark)
 - f) Pandemic (1 mark)
2. Briefly discuss the relationship between HIV/AIDS and STIs. (3 marks)
3. State the following;
 - a) Five roles of VCT centers. (5 marks)
 - b) The high risk groups for HIV/AIDS. (4 marks)
 - c) The role of alcohol in the spread of HIV/AIDS. (4 marks)
4. Highlight the impact of HIV/AIDS on the health sector. (4 marks)
5. Deduce the four components of Home based HIV/AIDS care. (4 marks)
6. Discuss the replication cycle of the HIV virus under the following sub headings:

7. Entry to the cell, replication and transcription, assembly and release. (6 marks)
78. Justify why there is focus on the youth in the fight against HIV/AIDS. (4 marks)

SECTION B: ANSWER ANY TWO QUESTIONS.

29. The researchers led by Paul Sharp of Nottingham University and Beatrice Hahn of the University of Alabama made a discovery during the course of a 10-year long study into the origins of the HIV virus. They claimed that their sample proved that chimpanzees were the source of HIV-I, and that the virus had at some point crossed species from chimps to humans. Discuss four theories that attempt to explain how this 'zoonosis' took place, and how (SIV) Simian Immunodeficiency virus ^{chimp} ~~sheep~~ become HIV in humans. (15 marks)
- 95/ 10. Apart from the ABCD method of prevention. Discuss in details other prevention and control strategies of HIV. (15 marks)
- 10/ 11. Discuss the role of Gender in the spread of HIV/AIDS. (15 marks)