



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE
AND TECHNOLOGY**

UNIVERSITY EXAMINATIONS 2012/2013

**1ST YEAR 2ND SEMESTER EXAMINATIONS FOR THE DEGREE
OF BACHELOR OF BUSINESS ADMINISTRATION**

(BUSIA LEARNING CENTRE)

COURSE CODE: SBI 3114/HCD 3112

TITLE: HIV/AIDS

DATE: 16/04/2013

TIME: 2.00 PM - 4.00 PM

DURATION: 2 HOURS

INSTRUCTIONS

1. This paper contains TWO sections.
2. Answer ALL questions in section A (Compulsory) and ANY other Two questions in section B.
3. Write all answers in the booklet provided.

Section A: Answer ALL the questions (30 marks)

1. State the two main types of HIV virus (**3 marks**)
2. List three types of immune cells with CD4 receptors. (**3 marks**)
3. State three types of body fluids that are involved in the transmission of HIV infection. (**3 marks**).
4. List any three myths regarding HIV/AIDS. (**3 marks**)
5. Which province in Kenya has the highest prevalence of HIV infection? (**3 marks**)
6. Define the following term: Opportunistic infection (**3 marks**)
7. Name any three opportunistic infections in HIV/AIDS (**3 marks**)
8. State any three uses/roles of the laboratory in HIV/AIDS management/care (**3 marks**)
9. In your own words, describe the term “*protease inhibitor boosting*” and provide an example (**3 marks**)
10. Regarding legal issues in HIV/AIDS: Is it mandatory (a must), according to the Kenyan law, for a couple to undergo HIV test before marriage? (**3 marks**)

Section B: Answer ANY TWO questions (Total 40 marks)

1. Classify antiretroviral drugs giving three examples in each class (**20 marks**)
2. Using either the 2006 REVISED WHO Clinical and Immunological staging OR the CDC Classification describe the staging of HIV infection (**20 marks**)
3. Discuss in detail the main methods of HIV prevention and control (**20 marks**)
4. Discuss in detail the modes of transmission of HIV infection (**20 marks**).