



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE &  
TECHNOLOGY UNIVERSITY EXAMINATIONS 2012/2013**

**1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER EXAMINATION FOR THE DEGREE OF  
BACHELOR OF BUSINESS ADMINISTRATION WITH IT**

**(MAIN-SCHOOL BASED)**

**COURSE CODE: PHT 112**

**COURSE TITLE: HIV AND AIDS**

**DATE: 30/8/13**

**TIME: 2.00 - 4.00 PM**

**DURATION: 2 HOURS**

**INSTRUCTIONS**

- 1. This paper contains five (5) questions.**
- 2. Answer question 1 (compulsory) and ANY other TWO questions.**
- 3. Write all answer in the booklet provided.**

**SECTION A: Answer all questions in this section. (3 Marks each).**

**Section A**

1. What is the difference between HIV and AIDS?
2. What is Vertical Transmission of HIV?
3. List any 3 organs that are part of the human immune system
4. List any 3 opportunistic infections associated with HIV/AIDS infection
5. What is the so-called "window period" in an HIV test?
6. List any 3 body fluids that contain none or the very low concentrations of HIV?
7. What is viral load? And how is it measured
8. Mention any 3 types of HIV tests
9. Why can't HIV be spread through insect bites e.g. bedbugs and mosquitoes
10. Why are some people resistant to HIV infection despite having a high risk of exposure to the virus?

**Section B: Answer any two questions from here. 20 Marks each.**

- Q2** Describe how HIV establishes itself and overpowers the human immune system leading to AIDS.
- Q3.** Identify and briefly discuss any social/cultural factors which could fuel the spread of HIV/AIDS in Africa
- Q4.** How has HIV/ AIDS impacted on the education sector of most African countries ?
- Q5.** Discuss the range of methods and strategies being used currently for the effective prevention and management of HIV/AIDS in Kenya today.