



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

**UNIVERSITY EXAMINATIONS 2012/2013**

**1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER EXAMINATION FOR THE DIPLOMA  
IN COMMUNITY HEALTH AND DEVELOPMENT**

**(REGULAR)**

**COURSE CODE: SBI 2114**

**COURSE TITLE: HIV/AIDS**

**DATE: 20/8/2013**

**TIME: 9.00-10.30 AM**

**DURATION: 1.30 HOURS**

**INSTRUCTIONS**

- 1. This paper consists of 5 Questions.**
- 2. Answer Question 1 (Compulsory) and any other 2 questions**
- 3. Answer ALL questions in the booklet.**

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

**Section A**

1. Where did HIV come from?
2. List any 3 symptoms of HIV
3. What is the so-called "window period" in an HIV test?
4. List any 3 body fluids contain the highest concentration of HIV?
5. What is the work of the lymph nodes or glands?
6. What is viral load and what is its relation to the CD4 cells and disease progression?
7. List any 3 organs associated with the immune system?
8. Why does there have to be a cut or tear in the skin for one to get HIV infection?
9. Why are some people resistant to HIV infection despite having a high risk of exposure to the virus?
10. List any 3 opportunistic infections associated with HIV?

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

**Q2.** Poverty, culture and Religion have supported the rapid spread of HIV/AIDS in Africa. Discuss

**Q3.** HIV/ AIDS increases business costs while lowering production. Discuss

**Q4.** Explain why Peer Education is a preferred way of conducting HIV/AIDS prevention in our workplaces and discuss the desirable qualities peer educators should possess.

**Q5.** Discuss the range of methods and techniques available currently for effective prevention and management of HIV/AIDS in Kenya today.