



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

UNIVERSITY EXAMINATION 2013

**1ST YEAR 1ST SEMESTER EXAMINATION FOR BACHELORS
DEGREE
(REGULAR)**

COURSE CODE: SBI 3114/PHT 112

COURSE TITLE: HIV/AIDS

DATE: 24/4/2013 TIME: 9.00-11.00AM

DURATION: 2 HOURS

INSTRUCTIONS

- 1. This paper contains FIVE (5) questions**
- 2. Answer question 1 (Compulsory) and ANY other 2 Questions**
- 3. Write all answers in the booklet provided**

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

Section A

- a. To which group of viruses does the HIV virus belong to?
- b. Why does the HIV virus target only the white blood cells
- c. Mention 3 sources of HIV transmission
- d. When does HIV infection in a person become AIDS?
- e. What is Vertical Transmission of HIV?
- f. List any 3 symptoms related to HIV/AIDS infection
- g. List the different stages of infection from HIV to AIDS
- h. List any 3 countries in Africa where more than 1 adult in 5 is infected by HIV/AIDS?
- i. List any 3 reasons why HIV/AIDS is more prevalent in Africa than elsewhere in the world?
- j. List any 3 opportunistic infections associated with HIV/AIDS infection
- k. List three myths about HIV/AIDS

Section B: Answer any two questions. Twenty (20) Marks each

- Q1 a)** Explain any five reasons why peer counseling becomes a more acceptable approach to curbing the spread of HIV/AIDS within institutions? **(10 Marks)**
- b)** Identify any five advantages of knowing one's HIV/AIDS status among single people and also among married couples? **(10 Marks)**
- Q2. a)** Briefly explain the difference between HIV and AIDS. **(10 Marks)**
- b)** Describe how HIV attacks and takes over the Human Immune System **(10 Marks)**
- Q3.** Suggest the challenges HIV/ AIDS imposes in the following areas of livelihood activities
- i)** Agriculture and food security **(10 Marks)**
 - ii)** Business and Income generation **(10 Marks)**
- Q4.** Discuss the range of methods and techniques which are available for effective management of HIV/AIDS in Kenya today. **(20 Marks)**