



**JARAMOGI OGINGA ODINGA UNIVERSITY OF
SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR BACHELOR OF SCIENCE IN
COMMUNITY HEALTH AND DEVELOPMENT**

2ND YEAR 1ST SEMESTER 2013/2014 ACADEMIC YEAR

CENTER: BUSIA

COURSE CODE: HDC 2112
COURSE TITLE: HIV/AIDS
EXAM VENUE:
DATE:

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Instructions:

- 1. Answer ALL questions in Section A and ANY other 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A – Answer all short answer questions – (30 marks)

1.
 - a. What does the acronym HIV and AIDs stand for [1 marks]
 - b. What is your understanding of the concept “window period” in HIV/AIDs [1 marks]
 - c. In which country and year, was what we now know as AIDS was first conclusively identified? [1 marks]
2. Briefly state the major modes of transmission for HIV/Aids giving examples of each [3 marks]
3. Define the concept “Most at Risk Populations” (MARPs) and give 5 examples of “MARPs” in Kenya [3 marks]
4. HIV disease is characterize by four phases in its natural progression, briefly explain them [3 marks]
5. CD4 cell absolute numbers or percent and rising plasma HIV viral load are some of the known HIV surrogates, briefly distinguished the two [3 marks]
6. In your understanding, explain why is HIV hard to treat using the concept of “viral disguise”? [3 marks]
7. HIV is transmitted by bodily fluids, list them in order of the most infectious body fluid to the least infectious body fluid [3 marks]
8. State four HIV blood detection test you know of? [3 marks]
9. Name five primary prevention strategies you can apply to protect yourself from getting HIV/AIDS [3 marks]
10.
 - a. PEP as acronym that stand for? [1 mark]
 - b. Why is PEP an important concept for occupational HIV accidental exposure? [2 marks]

SECTION B – Essay Answer Question

Instruction

1. This section has four (4) essay question
 2. Answer any 2 questions [30 marks]
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1. Transmission of HIV infection can be influenced by several factors, including characteristics of the HIV-infected host and the recipient, as well as the quantity and infectivity of the virus, discuss these giving examples [15 marks]
 2. Discuss the global impact of HIV/AIDs giving your relevant example from Kenya's state [15 marks]
 3. Many factors contribute to HIV transmission in a society, discuss these factors giving relevant examples [15 marks]
 4. Discuss the major pitfall in HIV/AIDs management at work-place giving relevant examples [15 marks]

Good luck!