### Description: Jooust Logo

### 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**

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**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. 1. What does the acronym HIV and AIDs stand for [1 marks]
   2. What is your understanding of the concept “window period” in HIV/AIDs [1 marks]
   3. 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. 1. PEP as acronym that stand for? [1 mark]
    2. 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]
3. 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]
4. Discuss the global impact of HIV/AIDs giving your relevant example from Kenya’s state [15 marks]
5. Many factors contribute to HIV transmission in a society, discuss these factors giving relevant examples [15 marks]
6. Discuss the major pitfall in HIV/AIDs management at work-place giving relevant examples [15 marks]

**Good luck!**