



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR BACHELORS DEGREE IN COMMUNITY**  
**HEALTH AND DEVELOPMENT**  
**1<sup>st</sup> YEAR 1<sup>st</sup> SEMESTER 2023/2024 ACADEMIC YEAR**  
**MAIN/KISUMU/SIAYA**

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**COURSE CODE: HCB 1103**

**COURSE TITLE: HIV/AIDS**

**EXAM VENUE:**

**STREAM: (ALL BScs)**

**DATE:**

**EXAM SESSION:**

**TIME:**

**2 HOURS**

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**Instructions:**

- 1. Answer all the questions in Section A, question 1 and ANY other 1 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 QUESTIONS (30 MARKS)**

1. Explain what you understand by the term HIV/AIDS (2 marks)
2. Briefly explain sero-conversion (2 marks)
3. List FOUR symptoms of AIDS (2 marks)
4. Briefly explain any **Three** main routes for HIV transmission (3 marks)
5. Outline **Six** Goals of ART (3 marks)
6. Briefly explain the roles of community Health extension workers in HIV/AIDS (3 marks)
7. Explain sexually transmitted infections and give three examples (3 marks)
8. Explain the relationships between HIV and Sexual Transmitted infections (3 marks)
9. Outline **THREE effects of** Stigma among HIV positive people (3 marks)
10. State **THREE** factors that increase the vulnerability of women to HIV and STIs (3 marks)
11. State **THREE** opportunistic infections common in HIV positive people (3 marks)

### **SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)**

1. Explain the clinical features of HIV/AIDS clearly discussing what happens what happens at every stage.
2. Discuss the process of HIV testing and counselling explaining what happens at every step
3. Explain
  - a. Explain the risk factors of acquisition of HIV infection (10 marks)
  - b. Differentiate between PEP and PREP indicating when and how they are used and who is eligible to receive each (8 marks)
  - c. State any four ways through which HIV cannot be transmitted (2 marks)
4. Describe how you would help prevent and control the transmission of HIV and STIs, among community members. (20 marks)