



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

**SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE**

**COMMUNITY HEALTH AND DEVELOPMENT**

**1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER 2024/2025 ACADEMIC YEAR**

**KISUMU CAMPUS**

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**COURSE CODE:** HCB 1103

**COURSE TITLE:** HEALTH AND WELL BEING

**EXAM VENUE:** STREAM: BSc Public/ Comm. Hlth & Dev

**DATE:** **EXAM SESSION:**

**TIME: 2.00 HOURS**

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**Instructions:**

- 1. Answer all the questions in Section A and 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 QUESTIONS MKS TOTAL (30MKS). EACH QUESTION HAS 3 MARKS**

1. Mention **three** risk factors oh HIV acquisition?
2. Outline the **six** types of HIV testing
3. Outline **Four** causes of Stigma in HIV/AIDS
4. Briefly explain **Three** modes of sexual contact
5. Outline **Six** Goals of ART
6. What are the other similar species of HIV-1 and HIV-2?
7. Briefly explain HIV-1 in terms of distribution, transmission and progression
8. Briefly explain HIV-2 in terms of treatment origin and progression
9. Briefly explain the roles of community Health extension workers in HIV/AIDS
10. Explain the relationships between HIV and Sexual Transmitted diseases

**Section B: Answer 2 (TWO) questions each 20 marks**

1. Explain
  - a. The unique features of retroviruses (**10 marks**)
  - b. Explain the risk factors of acquisition of HIV infection (**10 marks**)
2. Discuss the 13 messages of community prevention with positives(20 marks)
3. Explain the clinical features of HIV/AIDS clearly discussing what happens what happens at every stage.(20 marks)
4. Explain the virus replication cycle(20 marks)