



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
BSC COMMUNITY AND DEVELOPMENT AND BSC PUBLIC HEALTH
END OF SEMESTER EXAMINATION
NAMBALE CAMPUS**

HCD 3112: HIV AND AIDS

EXAM VENUE: **STREAM: (BSc. Comm Health & Dev/Public Health)**

DATE: **EXAM SESSION:**

TIME: **2.00 HOURS**

Instructions:

- 1. Answer all questions in Section A and ANY 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

This section consists of 6 questions. Each question carries 5 marks. Answer ALL questions in this section.

1. State the meaning of the following acronyms:
 - i) HIV (1mk)
 - ii) PLWA (1mk)
 - iii) IDU (1mk)
 - iv) YMSM (1mk)
 - v) PrEP (1mk)
2. Briefly describe the effects of HIV on the immune system. (5mks)
3. Outline the three broad stages of HIV infection. (5mks)
4. State five ways in which HIV infection affects communities. (5mks)
5. List any five opportunistic infections in HIV/ AIDS indicating their causative agents.(5mks)
6. Define the following terms in HIV/AIDS : i) Co-infection (1mk) ii) Harm reduction (1mk) iii) Treatment adherence (1mk) iv) Viral load (1mk) v) Serodiscordant (1mk)

SECTION B

This section consists of four questions. Each question carries 20marks. Answer ANY TWO questions in this section.

7. Lifestyle plays a key role in HIV transmission. Explain how any five lifestyle traits plays such a role. (20mks)
8. Discuss any four theories explaining the origin of HIV/AIDS. (20mks)
9. AIDS is one of the sexually transmitted infections.
 - a) Differentiate between an STI and an RTI.(4mks)
 - b) Discuss four other modes of transmission of HIV other than through sex.(6mks)
 - c) Name five at-risk populations in the society explaining what increases their vulnerability.(10mks)
10. Many legal and ethical issues surround the HIV/AIDS pandemic care and management.
 - a) State any five ethical issues in HIV/AIDS management.(5mks)
 - b) For any four such issues in (a) above, explain their ethical underpinnings.(8mks)
 - c) Explain the need of counselling services in HIV/AIDS infection. (7mks)