



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE & TECHNOLOGY

SCHOOL OF AGRICULTURE

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

1ST YEAR 1ST SEMESTER 2022/2023 ACADEMIC YEAR

MAIN/SIAYA

COURSE CODE: HCB 1103

COURSE TITLE: HIV AND AIDS

EXAM VENUE: STREAM: (BED)

DATE: 23/12/2022 EXAM SESSION: 15.00-17.00PM

TIME: 2 HOURS

Instructions:

- 1. Answer ALL questions in Section A and Any two questions in Section B**
 - 2. Candidates are advised not to write on question paper**
 - 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**
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SECTION A: (30 MARKS) ANSWER ALL QUESTIONS

1. State the meaning of following terms
(3marks)
 - (a) HIV
 - (b) AIDs
 - (c) Window period
2. State one of the functions of the following organs of immune system (3marks)
 - (a) Bone marrow
 - (b) Spleen
 - (c) Thymus
3. State three sexually transmitted diseases that are coinfections of HIV
(3marks)
4. Name the causative agents of the following opportunistic infections
(3marks)
 - (a) Candidiasis
 - (b) Tuberculosis
 - (c) Herpes
5. List three common modes of HIV transmission
(3marks)
6. Explain how peer education would help to reduce HIV infection
(3marks)
7. State three ways of HIV prevention among healthcare workers
(3marks)
8. State three ethical issues that may arise during management of HIV/AIDS
(3marks)
9. (a) Differentiate between sex and sexuality
(3marks)
 - (b) State the name given to an individual with both sexes
10. Outline three features of HIV in terms of structure (3marks)

11.

SECTION B: ANSWER QUESTION ONE (1) AND ANY OTHER QUESTION

(40 MARKS).

11. Explain major factors that may influence the spread of HIV/AIDS in Kenya (20marks)
12. Identify common myths and explain facts about HIV transmission (20marks)
13. Describe different stages of HIV infection (20marks)
14. Describe the mechanism through which HIV cause infection (20marks)
15. Explain different types of sexuality (20marks)