



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

**UNIVERSITY EXAMINATION FOR THE DIPLOMA COMMUNITY HEALTH AND
DEVELOPMENT / BUSINESS ADMINISTRATION**

1ST YEAR 1ST SEMESTER ACADEMIC YEAR 2022/2023

MAIN/KISUMU CAMPUS

COURSE CODE: HDC 2112/ SBI 2114

COURSE TITLE: INTRODUCTION TO HIV AND AIDS

EXAM VENUE: STREAM

DATE: EXAM SESSION:

TIME: 2 HOURS

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 THE QUESTIONS (30 MARKS)

1. Define the following terms as used in HIV/AIDS
 - a. Human (1 mark)
 - b. Immunodeficiency (1 mark)
 - c. Syndrome (1 mark)
2. List any three opportunistic infections in HIV/AIDS (3 marks)
3. Give three occasions under which Post exposure prophylaxis treatment is applicable (3 marks)
4. Indicate **three** programmes in HIV/AIDS which have been implemented to reduce HIV transmission in the health sector (3 marks)
5. Outline any **three** benefits of HIV testing and counseling (3 marks)
6. Explain **three** modes of HIV can be transmission (3mks)
7. List at least **three** theories explaining the origin of HIV/AIDS (3 marks)
8. Give **three** reasons why adherence counseling is necessary in HIV/AIDS management and care (3 marks)
9. List any **three** ARV drugs used in treatment of HIV/AIDS (3 marks)
10. Distinguish between stigma and discrimination in HIV and AIDS management (3mks)

SECTION B: ANSWER ONLY TWO (2) QUESTIONS (40 MARKS)

1. Discuss the factors influencing the spread of HIV/AIDS in Kenya (15 Marks)
2. Legal and ethical issues in HIV/AIDS play an important role in management and care of people living with HIV/AIDS, Discuss any five issues and suggest possible solutions. (15 marks)
3. Discuss reasons why women are more vulnerable to HIV and AIDS than their male counterparts (20 marks)
4.
 - a) Explain **five** roles of peer educators in HIV/AIDS (10 marks)
 - b) Briefly discuss the lifecycle of HIV virus (10 marks)