



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT**

1ST YEAR 1ST SEMESTER ACADEMIC YEAR 2022/2023

MAIN CAMPUS

COURSE CODE: HDC 2112

COURSE TITLE: HIV/AIDS

EXAM VENUE:

STREAM: (Dip. Comm.Hlth)

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. Immune deficiency(1 mark)
 - b. Virus(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. Differentiate between HIV and AIDS(3 marks)
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.
 - a. What do you understand by the term window period?(1mark)
 - b. Highlight any two syndromes in stage 3 of WHO HIV/AIDS staging(2 marks)

SECTION B: ANSWER ONLY TWO (2) QUESTIONS (30 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.
 - a. Discuss the HIV/AIDS stages of infection(5 marks)
 - b. Discuss the natural progression of HIV disease(5 marks)
 - c. Discuss two theories of origin of HIV.AIDS disease(5 marks)
4.
 - a. Explain five roles of peer educators in HIV/AIDS (10marks)
 - b. Explain five (5) various ways in which HIV/AIDS is transmitted and suggest various strategies of prevention(5 marks)