



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

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

YEAR 1 SEMESTER 1 2018/2019 ACADEMIC YEAR

KISUMU CAMPUS

COURSE CODE: HDC 2114

COURSE TITLE: HIV AND AIDS

EXAM VENUE:

STREAM

DATE: 12/08/19

EXAM SESSION: 2.00 – 3.30PM

TIME: 1.30PM

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: (30 MARKS)

1. State **two (2)** benefits of STI control in the management of HIV epidemic (2marks)
2. State **four (4)** reactions a patient may display if he realizes that he is HIV positive (4marks)
3. State **three (3)** commonest causes of condom failure in the prevention of HIV transmission (3marks)
4. Explain **three (3)** factors by which prolonged breastfeeding beyond six months and early introduction of other feeds can predispose an infant to HIV infection (3marks)
5. State **three (3)** goals of Antiretroviral Therapy (ART) in a patient with HIV infection (3marks)
6. Outline **three (3)** ways by which health professionals and paramedics are at risk of HIV infection in the course of their duty (3marks)
7. Explain **four (4)** benefits of reducing mother-to-child transmission (MTCT) of HIV (4marks)
8. State **four (4)** ways by which HIV counseling and testing can promote behavior change (4marks)
9. State **two (2)** actions a hospital administration can take if an employee who is exposed to HIV is not willing to be HIV tested (2marks)
10. Name **two (2)** comprehensive packages of HIV prevention that can be combined with Voluntary Medical Male Circumcision (VMMC) (2marks)

SECTION B. (30 MARKS)

1. Outline the rationale for initiating home-based-care for people living with HIV/AIDS (PLWHA) (15marks)
2. Describe the most significant factors in the mother which may contribute to increasing an infant's exposure or susceptibility to acquiring HIV (15marks)
3. Explain how political and cultural considerations of VMMC influence HIV transmission (15mks)
4. Explain the aims of counseling of a patient with HIV/AIDS disease (15marks)