

**JARAMOGI OGINGA ONDINGA UNIVERSITY  
KISII CAMPUS  
APRIL FULLTIME EXAMS**

**COURSE TITLE: INTRODUCTION TO HIV AND AIDS  
COURSE CODE: HDC 2112  
TIME: 2HRS**

**INSTRUCTIONS:**

- ❖ **SECTION A IS COMPULSORY**
- ❖ **ANSWER ANY TWO QUESTIONS FROM SECTION B**

**SECTION A**

1.(a) (a) define the following terms: [4 marks]

- (i) Vertical transmission of HIV/AIDS
- (ii) Drug
- (iii ) T cell
- (iv ) Prevalence

(b) Describe the colonialism theory as a possible explanation of the origin of HIV through blood contact. [5 marks]

c) The current blood donations from Kenyan universities show that 20% of female student are HIV positive compared to 8% of male students. Discuss this statement. [4 marks]

(d) Outline the effects of HIV virus on the human immune system. [4 marks]

e) Describe how HIV transmission through blood contact can be controlled. [4 marks]

f) Outline the limitations of antiretroviral drugs [4 mark]

(g) Describe 4 reasons; explain why HIV positive patients should always take a balanced diet [5 marks]

**SECTION B**

2) Describe the impacts of HIV/AIDS on the following sectors: [20 marks]

- (i) Economy
- (ii) Agriculture
- (iii) Health

(iv) Education

3) HIV/AIDS pandemic has affected social cultural scenario across humanity. In your opinion discuss the prevention strategies as adopted by your society in the following modes

i) Voluntary counseling and testing strategy

ii) Education for behavior change

iii) Blood safety

IV) Prevention of parent-child transmission [20 marks]

4a) Discuss some of the major problems encountered in prevention and control of HIV/AIDS (10marks).

b) . Identify and discuss challenges and problems young people are faced with and which predispose them to HIV/ AIDS.