



# KISII UNIVERSITY

## UNIVERSITY EXAMINATIONS

### FIRST YEAR EXAMINATION FOR THE AWARD OF THE DIPLOMA IN PROCUREMENT, HUMAN RESOURCE AND BUSINESS

#### ADMINISTRATION

#### SECOND SEMESTER 2022/2023

#### [JANUARY-APRIL, 2023]

#### ZOOL 0143: BIOLOGY OF HIV/AIDS AND SOCIETY

**STREAM: Y1S2**

**TIME: 2 HOURS**

**DAY: TUESDAY, 3:00 – 5:00 PM**

**DATE: 28/03/2023**

#### **INSTRUCTIONS**

- 1. Do not write anything on this question paper.**
- 2. Answer question ONE and any other TWO questions in Section B.**

#### **SECTION A: ANSWER ALL QUESTIONS [TOTAL 40 MARKS]**

1. Discuss briefly five ways how HIV can be prevented and controlled. [4 marks]
2. Differentiate between sexual transmission and non-sexual transmission. Give three examples in each case. [4 Marks]
3. Briefly explain the interaction between HIV/AIDS and drug abuse. [4 marks]
4. Explain various challenges/obstacles facing the control of HIV/AIDS spread. [4 marks]
5. Briefly discuss five myths about the transmission of HIV/AIDS. [4 marks]
6. Explain various characteristics of the HIV virus. [4 marks]
7. Explain acute and chronic infections of HIV. [4 marks]
8. Describe the biological factors affecting HIV transmission. [4 marks]
9. Explain the types of Post Exposure Prophylaxis. [4marks]
10. Describe various difficulties faced in HIV/AIDS treatment. [4 marks]

**SECTION B: ANSWER TWO QUESTIONS [TOTAL 30 MARKS]**

11. Briefly discuss the various factors aggravating the spread of HIV/AIDS (biological, cultural and socio-economic).  
[15 marks]
12. Draw a well labelled structure of HIV virus and explain various steps in which HIV occurs in humans.  
[15 marks]
13. Write a brief history of origin of HIV and myths about its transmission.  
[15 marks]