



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**FIRST YEAR EXAMINATION FOR THE AWARD OF THE**  
**DEGREE OF BACHELOR OF SCIENCE IN ZOOLOGY**  
**SECOND SEMESTER 2022/2023**  
**[JANUARY-APRIL, 2023]**

**ZOOL 143: BIOLOGY OF HIV/AIDS AND SOCIETY**

**STREAM: Y1S2**

**TIME: 2 HOURS**

**DAY: MONDAY, 3:00 – 5:00 PM**

**DATE: 03/04/2023**

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**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 THE QUESTIONS IN THIS SECTION**

**Question One**

- a) Distinguish between the following terms (5 marks)
- Signs and symptoms
  - Immunosuppression and Immunodeficiency
  - Pandemic and Epidemic
  - Lymphocytes and Phagocytes
  - Hallucinogens and Depressants
- b) Discuss the theories that explain the origin of HIV. (10 marks)
- c) Identify the HIV test techniques in the market today. (5 Marks)
- d) Explain the factors that make one to be immunocompromised. (5 marks)

## **QUESTION TWO**

a) Explain the essence of HBC (Home Based Care) with regard to HIV/AIDS and its provision. (7 marks)

b) Discuss the strategies and techniques utilized in the prevention of HIV/AIDS. (8 marks)

## **SECTION B: ANSWER ANY TWO QUESTIONS IN THIS SECTION**

### **QUESTION THREE**

a) Discuss the role of drug abuse in the spread of HIV/AIDS (8marks)

b) The guidance and counseling department is concerned with drugs and drug abuse. Discuss the adverse effects of drug abuse (7marks)

### **QUESTION FOUR**

a) Stigma poses as the worst effect on HIV/AIDS. Discuss how it will affect the family of one who is affected with HIV/AIDS. (7 marks)

b) Discuss the socio-economic impact of HIV/AIDS. (8 marks)

### **QUESTION FIVE**

Discuss the role of each of the key players in HBC (Home Based Care) (15 marks)