

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF CERTIFICATE IN ANIMAL SCIENCE

ZOOL 00143: HIV/AIDS AND LIFE SKILLS

STREAMS: CERT

TIME: 2 HOURS

DAY/DATE: MONDAY 14/04/2025

2.30 P.M. – 4.30 P.M.

**INSTRUCTIONS**

- Answer all the Questions in Section A and any Two in Section B

**SECTION A (30 MARKS)**

- (a) Identify two key groups of people with high prevalence of HIV/AIDS in Kenya (2 marks)
  - (b) Explain the *integration* and *translation* stages of the HIV life cycle (2 marks)
  - (c) State two biological factors that predispose women to HIV infection (2 marks)
- (a) Mention two advantages of HIV testing. (2 marks)
  - (b) Name two components of immune system. (2 marks)
  - (c) Explain two preventive strategies for perinatal transmission of HIV. (2 marks)
- (a) State two characteristics of HIV that enables it to evade attacks by the body's immune system. (2 marks)
  - (b) Describe two characteristics of the major symptomatic phase of HIV/AIDS infection. (2 marks)
  - (c) Identify two symptoms associated with opportunistic infections in people living with HIV/AIDS. (2 marks)

4. (a) Elaborate on two components of home-based care. (2 marks)  
(b) State any two factors that contribute to HIV/AIDS stigma. (2 marks)  
(c) The Kenyan government should work aggressively to make school a better environment for girls. Explain this statement. (2 marks)
5. (a) Mention two human rights issues that relate to HIV/AIDS. (2 marks)  
(b) Explain how socioeconomic status affects HIV treatment. (2 marks)  
(c) Give two goals of VCT (2 marks)

**SECTION B (40 MARKS)**

6. (a) “Africa is hardest hit by HIV/AIDS”. Discuss this statement (10 marks)  
(b) Discuss the various types of stigma and factors contributing to HIV/AIDS-related stigma (10 marks)
7. (a) Explain the principles of long-term HIV/AIDS survivors (10 marks)  
(b) Describe the role of NGOs and the private sector in the fight against HIV/AIDS (10 marks)
8. (a) Describe the life cycle of HIV (10 mark)  
(b) Discuss the socioeconomic impact of HIV/AIDS. (10 marks)
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