



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE
CERTIFICATE ANIMAL HEALTH & PRODUCTION
FIRST SEMESTER 2022/2023
(SEPTEMBER - DECEMBER, 2022)

ZOOL 00143: BIOLOGY OF HIV/AIDS

STREAM: Y1 S1

TIME: 2 HOURS

DAY: THURSDAY, 12:00 P.M – 2:00 P.M

DATE: 15/12/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer ALL Questions in section A (Compulsory) and any other TWO Questions in section B.***

SECTION A: 40 MARKS

- Write the following abbreviations in full
 - PREP (2 marks)
 - PEP (2 marks)
 - VCT (2 marks)
 - ARV'S (2 marks)
 - HIV (2 marks)
- Define the following terminologies
 - Alleles (2 marks)
 - Window period (2 marks)
 - Mutation (2 marks)
 - Discordant partners (2 marks)
 - Plasma (2 marks)
- Discuss the implication of an AIDS vaccine (10 marks)
- Distinguish between HIV 1 and HIV 2 (10 marks)

SECTION B (30 MARKS)

5 Discuss the following

- (i) Incidence of HIV/AIDS (5 marks)
 - (ii) Transmission of the virus (5 marks)
 - (iii) Symptoms of the virus (5 marks)
6. Explain the economic impacts of HIV/AIDS (15 marks)
7. Explain the three stages of syphilis (15 marks)