

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

CHUKA AND EMBU CAMPUSES

EXAMINATION FOR THE AWARD OF CERTIFICATE IN PROCUREMENT AND LOGISTICS, ANIMAL HEALTH AND BUSINESS MANAGEMENT AND PROJECT PLANNING

ZOOL 00143: HIV/AIDS AND LIFESKILLS

STREAMS: CERTIFICATE

TIME: 2 HOURS

DAY/DATE: TUESDAY 16/04/2019

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

Answer ALL the questions in section A and any TWO in section B

SECTION A (30 MARKS)

1. Distinguish between the following terms
 - (a) Disease epidemiology and disease epidemic. (2 marks)
 - (b) Disease prevalence and disease incidence. (2 marks)
2. (a) Explain how the following practices fuel the spread of HIV
 - (a) Drug use (1 mark)
 - (b) Circumcision (1 mark)

(b) Outline two biological factors that make HIV infection in women higher than in men. (2 marks)
3. (a) Explain two factors that contribute to HIV/AIDS stigma. (2 marks)
- (b) State four stages involved in HIV counselling. (2 marks)

- (c) Name the cells that are infected by HIV in humans. (1 mark)
- 4. (a) Explain four components of home based care. (4 marks)
(b) State four general roles of government in the fight against HIV. (2 marks)
- 5. (a) Explain two HIV transmission myths and facts. (4 marks)
(b) Explain the impact of HIV on economic growth. (2 marks)
(c) Outline two complications of STDS. (1 mark)
- 6. (a) Name the disease caused by the following agents
 - (i) Treponema Pallidum (1 mark)
 - (ii) Candida albicans (1 mark)
- (b) State the functions of the following enzymes in HIV
 - (i) Reverse transcriptase (1 mark)
 - (i) Integrase (1 mark)

SECTION B (40 MARKS)

- 7. Describe factors that lead to faster progression of HIV to AIDS. (20 marks)
 - 8. Discuss the modes of transmission of HIV/AIDS and their preventive strategies. (20 marks)
 - 9. Explain the factors that make Africa the most affected continent by HIV/AIDS. (20 marks)
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