



EMBU UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

FIRST SEMESTER EXAMINATIONS 2013/2014

FIRST YEAR EXAMINATION

CCS 010: HIV AND AIDS

DATE: NOVEMBER 28, 2013

TIME: 8.30 – 10.30AM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE

- a) i) State two(2) forms of sexual orientation (2 marks)
ii) Outline three (3) dangers associated with unprotected sexual intercourse (3 marks)
- b) i) Define immune system (2 marks)
ii) State two (2) lines of defense in innate immune system (2 marks)
iii) List the two cell types of the cellular immune system (1marks)
- c) i) State three(3) classes of Sexually transmitted infections giving one example of each (3 marks)
ii) Outline the 4C strategy in management of sexually Transmitted infections (2 marks)
- d) i) Differentiate between HIV 1 and HIV 2 (3 marks)
ii) Explain two (2) reasons why more women are at a greater risk of contracting HIV than men (2marks)
- e) i) Explain the meaning of HAART (2marks)
ii) State three (3) goals of Antiretroviral therapy (3marks)
- f) i) List four(4) opportunistic infections associated with HIV infection (2marks)
ii) Outline three (3) strategies to prevent the development of opportunistic infections in a person infected with HIV and AIDS. (3marks)

QUESTION TWO

- a) What do you understand by the term “Home Based Care” (2 marks)
- b) Briefly explain any five(5) services offered under Home Based Care (10 marks)
- c) Outline any four advantages of home based care to
 - i. The patient (4 marks)
 - ii. The family (4 marks)

QUESTION THREE

- a) Differentiate between “opt in” and “opt out” methods as used in HIV counseling and Testing (4 marks)
- b) Explain four(4) advantages of HIV counseling and Testing (8 marks)
- c) Outline four (4) strategies that have been adopted to increase the uptake of HIV counseling and testing (8 marks)

QUESTION FOUR

- a) Discuss why countries in sub-Saharan Africa bear the greatest burden of HIV/AIDS epidemic in the world. (10 marks)
- b) Discuss the impact of HIV and AIDS in the following sectors
 - i) Agriculture (5 marks)
 - ii) Tourism (5 marks)

QUESTION FIVE

- a) Discuss the role of contraceptives in the fight against HIV and AIDS (10 marks)
- b) Discuss ethico-legal issues in HIV and AIDS testing and Management (10 marks)

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