



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

Faculty of Engineering and Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN COMPUTER MAINTENANCE & NETWORKING TECHNOLOGY –
CMNT2K 11M

CERTIFICATE IN INFORMATION TECHNOLOGY – CIT 2K 11M

YR I SEM I

SZL 1100: HIV/AIDS

END OF SEMESTER EXAMINATIONS

SERIES: AUGUST/SEPTEMBER 2011

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer booklet*

This paper consists **TWO** sections **A** & **B**. Attempt question **ONE (COMPULSORY)** from section **A** and any other **TWO** from Section **B**

This paper consists of **THREE** printed pages

SECTION A (COMPULSORY)

Question 1 (Compulsory)

- a) What do the following terms stand for:-
- i) HIV (2 marks)
 - ii) AIDS (2 marks)
- b) Define the following terms as related to the STD/HIV infections
- i) Sex (2 marks)
 - ii) Sexuality (2 marks)
 - iii) Physiology (2 marks)
- c) What is the linkage of each term above to HIV/AIDS infection (6 marks)
- d) Explain the causes of HIV infection (8 marks)
- e) State the **SIX** symptoms of AIDS (6 marks)

SECTION B (Answer any TWO questions in this section each is 20 marks)

Question 2

- a) Explain **SIX** ways through which HIV/AIDS infection is transmitted (12 marks)
- b) Explain **TWO** ways through which one cannot contract HIV infection stating **TWO** examples of each. (8 marks)

Question 3

- a) Myths about HIV/AIDS and treatment. *The myth: “HIV doesn’t cause AIDS”* (4 marks)
- b) Myths about HIV/AIDS and treatment. *The myth. “It’s not AIDS that kills people; it’s the medicines they take!”* (4 marks)
- c) Myths about HIV tests *The myth: “The ‘AIDS test’ can’t be trusted”* (4 marks)
- d) Myths about HIV Transmission *The myth: “HIV can be spread through tears, sweat, mosquitos, pools or casual contact.”* (4 marks)
- e) Myths about HIV Transmission *The myth: “Lesbians don’t get HIV.”* (4 marks)

Question 4

Give a brief explanation about the following

- a) HIV/AIDS treatment (5 marks)

b) HIV/AIDS patients control/management (5 marks)

c) ABCD Method anti-retroviral drugs and vaccines (5 marks)

d) Pregnancy and AIDS (5 marks)

Question 5

HIV infection is commonly diagnosed by the blood tests.

a) List down the **THREE** main types of test that are commonly used (6 marks)

b) Enlist the two-step process in testing for HIV (4 marks)

c) Outline **FIVE** different types of antibody screening tests available (10 marks)