



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

Faculty of Engineering and Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION TECHNOLOGY – DIT 11M
DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY - DICT 2K 11M

SZL 2100: 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 of **TWO** sections **A & B**

Answer question **ONE (COMPULSORY)** in section **A** and any other **TWO** questions in section **B**

This paper consists of **THREE** printed pages

SECTION A –Answer all questions in this section (30 MARKS)

Question 1 (Compulsory)

- a) Differentiate between HIV and AIDS (5 marks)
- b) Give a brief history of the origin of HIV/AIDS (5 marks)
- c) Explain the **THREE** major causes of HIV/AIDS infection (6 marks)
- d) What are Opportunistic Infections (4 marks)
- e) Give **TEN** examples of opportunistic infections (10 marks)

SECTION B (Answer any TWO questions) – 40 MARKS

Question 2

- a) Give brief information about the HIV/AIDS virus and its life cycle (5 marks)
- b) Give a short account on the disease progression (5 marks)
- c) State a brief account on how HIV is transmitted (5 marks)
- d) State a brief account of how the disease is diagnosed (5 marks)

Question 3

- a) How does my new HIV treatment regimen work? (4 marks)
- b) How many times each day do I take my HIV treatment? (4 marks)
- c) What side effects can I expect from my HIV treatment? (4 marks)
- d) Is it safe to take my HIV treatment while I am pregnant? (4 marks)
- e) How does food affect your HIV medications? (4 marks)

Question 4

- a) What are the worldwide trends in the HIV/AIDS epidemic? (8 marks)
- b) How has the epidemic evolved in heavily affected regions? (Base your answers on the estimates made in 2005). (6 marks)
- c) How has the epidemic evolved in less affected regions? (6 marks)

Question 5

- a) Give a brief account of what is referred to as the ABCs of HIV/AIDS (5 marks)
- b) Outline what the **general criticisms** of the ABCs of HIV/AIDS states (5 marks)
- c) What do the **Liberal critics** state about the ABCs of HIV/AIDS? (5 marks)
- d) What do the **Conservative critics** state about the ABCs of HIV/AIDS? (5 marks)