

# **THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

## **DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY**

### **EXAMINATION FOR DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY – DICT2K 11M**

#### **DIPLOMA IN INFORMATION TECHNOLOGY- DIT 11M**

**SZL 2100 – HIV/AIDS - END OF SEMESTER EXAM          Time: 2 hours**

**Instructions Answer question One and any other Two**

#### **SECTION A (Answer all questions in this section - 30 marks)**

1. (a). Differentiate between HIV & AIDS (5 marks)
- (b). Give a brief history of the origin of HIV/AIDS (5 marks)
- (c). Explain the 3 major causes of HIV/AIDS infection (6 marks)
- (d). What are Opportunistic Infections? (4 marks)
- (e). Give 10 examples of opportunistic infections (10 marks)

#### **SECTION B (Answer any 2 questions in this section each is 20 marks)**

2. (a). Give brief information about the HIV/AIDS virus and its life cycle.(5marks)
  - (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)
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'm Pregnant? (4 marks)

(e). How Does Food Affect Your HIV Medications? (4 marks)

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.**) (6marks)

(c). How has the epidemic evolved in less affected regions? (6marks)

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)