



# Technical University of Mombasa

*Faculty of Applied and Health Sciences*

**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**

DIPLOMA IN COMMUNITY AND HEALTH

(DCH 13S )

**ACM 2102 : INTRODUCTION TO HIV AIDS**

**SUPPLEMENTARY/SPECIAL: EXAMINATIONS**

**SERIES: MARCH 2014**

**TIME: 2 HOURS**

**INSTRUCTIONS:**

You should have the following for this paper

- *Answer booklet*

This paper consists of **FIVE** questions.

Answer Question **ONE (compulsory)** and any other **TWO** questions

### QUESTION ONE

- a) Define the following terms
- (i) Acquired immunodeficiency Disease (1 mark)
  - (ii) Window period (1 mark)
  - (iii) Myth (1 mark)
  - (iv) Concordance couple (1 mark)
  - (v) Opportunistic diseases (1 mark)
- b) Outline the three classification of antiretroviral drugs used in the management of HIV/AIDS (3 marks)
- c) State four goals of using antiretroviral therapy during the treatment of HIV/AIDS patients (4 marks)
- d) List four opportunistic infections which could be diagnosed in a client who has AIDS. (4 marks)
- e) Establish four myths and misconception about HIV/AIDS as perceived in Kenya. (4 marks)
- f) Establish five modes of HIV /AIDS transmission. (5 marks)
- g) Draw a well labelled diagram of the structure of HIV. (5 marks)

### QUESTION TWO

- a) Explain the tools of countering myths and misconceptions used by health worker in provision of care to HIV/AIDS clients (4 marks)
- b) State five ways of HIV/AIDS prevention in the community. (5 marks)
- c) Describe six social-economic factors that facilitate the transmission of HIV/AIDS (6 marks)

### QUESTION THREE

- a) Describe the steps involved in HIV replication identifying enzymes involved in each step. (6 marks)
- b) Describe the services provided in HIV comprehensive care centres (ccc) (9 marks)

### QUESTION FOUR

- a) Outline the benefits of HIV testing to both the sick and healthy individuals. **(5 marks)**
- b) Outline the five steps involved in the process of conducting HIV testing. **(5 marks)**
- c) Describe the impact of HIV on immune system of a HIV positive client. **(5 marks)**

#### **QUESTION FIVE**

- a) State the relationship between HIV and other sexually transmitted infections. **(2 marks)**
- b) Explain the Historical background of HIV AIDS. **(6 marks)**
- c) Describe the progression of HIV/AIDS disease using clinical stages according to WHO.

**(7**

**marks)**