



**TECHNICAL UNIVERSITY OF MOMBASA**  
***Faculty of Applied & Health Sciences***

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN COMMUNITY HEALTH

(DCH 14S)

**ACH 2102: INTRODUCTION TO HIV/AIDS**

(DNH 14S)

SPECIAL/SUPPLEMENTARY EXAMINATIONS

**SERIES: FEBRUARY 2015**

**TIME: 2 HOURS**

**INSTRUCTIONS:**

- This paper consists of **FIVE** questions.
- Answer question **ONE (Compulsory)** and any other **TWO** questions.

***This paper consists of Two printed pages.***

### QUESTION 1 (Compulsory)

- a) Define the term syndrome. **(3 marks)**
- b) Explain how unprotected sex encourage HIV transmission. **(5 marks)**
- c) Explain with AIDS is acquired and syndrome. **(5 marks)**
- d) State **THREE** ways a mother who is HIV infected can transmit the virus to the child. **(3 marks)**
- e) Describe stage I acute infection of HIV. **(5 marks)**
- f) The abbreviation PCTCT stands for? **(4 marks)**
- g) State **TWO** ways/factors that decrease rate of HIV infection. **(2 marks)**
- h) Outline **THREE** signs a clinical stage IV of HIV according to WHO staging. **(3 marks)**

### QUESTION 2

- a) Explain **SIX** phases of HIV life cycle. **(7 marks)**
- b) Explain the purpose of post test counselling of HIV results. **(8 marks)**

### QUESTION 3

- a) Explain the components of comprehensive care. **(10 marks)**
- b) Highlight factors that increase risk of HIV infection. **(5 marks)**

### QUESTION 4

Explain why HIV infection is unique among STI infections. **(15 marks)**

### QUESTION 5

Describe the clinical stage III of HIV infection according to WHO. **(15 marks)**