



# Technical University of Mombasa

*Faculty of Applied and Health Sciences*

DEPARTMENT OF **ENVIRONMENT AND HEALTH SCIENCE**

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT (DCHM 10S)

DIPLOMA IN ENVIRONMENTAL SCIENCE (DES 12S)

DIPLOMA IN NUTRITION AND HEALTH (DNH 12 S)

DIPLOMA IN INFORMATION SCIENCE (DIS 12S)

DIPLOMA IN BUILDING AND CIVIL ENGINEERING (DBCE 12S)

DIPLOMA IN MECHANICAL ENGINEERING (DME 12S)

DIPLOMA IN ARCHITECTURE (DARC 12S)

DIPLOMA IN INFORMATION COMMUNICATION AND TECHNOLOGY (DICT 12S)

## **APH 2100 : HIV AIDS AND SUBSTANCE ABUSE**

**SPECIAL/SUPPLEMENTARY EXAMINATIONS**

**SERIES:** February 2013

**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

*This paper consists of 2 PRINTED pages*

**Question ONE**

- a) Define the following
  - (i) HIV infection (1mark)
  - (ii) HIV positive person (1mark)
  - (iii) Persons with AIDs (1mark)
  - (iv) Drug abuse (1mark)
- b) List THREE differences between HIV I and HIV II (3marks)
- c) Describe the difference between two types of immunity. (4marks)
- d) State FOUR signs and symptoms of sexually transmitted infections (STIs) in men. (4marks)
- e) Explain THREE consequences of abusing tobacco. (3marks)
- f) Explain FOUR risk factors' for STIs (4marks)
- g) State THREE major signs and symptoms of AIDs in Adults. (3marks)
- h) Explain the functions of voluntary counseling and testing (VCT) centres. (3marks)
- i) State any TWO factors that led to rapid spread of HIV globally. (2marks)

**Question TWO**

Discuss the social and economic impact of HIV/AIDs in the education system in Kenya today.

(15marks)

**Question THREE**

- a) List FIVE commonly abused drugs in the society today. (5marks)
- b) Explain the side effects of any TWO commonly abused drugs mentioned above. (10marks)

**Question FOUR**

- a) Explain the phases and stages of HIV/AIDs (8marks)
- b) Describe the ABCD method of prevention and control of HIV infection. (7marks)

**Question FIVE**

- a) Explain the relationship between sexually transmitted infections and HIV infection (7marks)
- b) Explain the Universal precautions for prevention among health workers. (8marks)