



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT
(DCH 13M)

ACM 2104 : INTRODUCTION TO HIV /AIDS

SPECIAL /SUPPLEMENTARY: EXAMINATIONS

SERIES: OCTOBER 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 3 PRINTED pages

Question ONE

- (a) Define the following terms
 - a) Infection (1mark)
 - b) AIDs (1mark)
 - c) Myths (1mark)
- (b) List FOUR type of body fluids that may contain HIV in an infected person (4marks)
- (c) Master Jack is a student in a certain school in Mombasa. He was diagnosed to have HIV but other students were afraid of Him. Outline to the students FIVE factors that are not associated with the risk of HIV transmission. (5marks)
- (d) Briefly establish FIVE ways in which HIV/AIDs can be transmitted (5marks)
- (e) Draw and label the structures of HIV transmission (5marks)
- (f) Briefly describe THREE myths and misconception about HIV/AIDs in the community (3marks)

Question TWO

- a) Distinguish HIV stages when diagnosing in a clinic by using world health staging of HIV infection. (8marks)
- b) Explain FIVE goals (8marks)
- c) Briefly describe the relationship between HIV and opportunistic infections (2marks)

Question THREE

- a) Discuss the Historical background of HIV/AIDs (8marks)
- b) Explain the physical appearance of people infected with HIV (4marks)
- c) Outline THREE tools used to count myths and misconception about HIV/AIDs in your community. (3marks)

Question FOUR

- a) Discuss the stages involved in HIV progression and replication, stating the enzymes involved in each stage. (8marks)
- b) Establish the impact of HIV virus on the immune system. (4marks)
- c) Outline the THREE main steps followed during HIV/AIDs counseling and testing (3marks)

Question FIVE

A couple has visited a clinic where you work as a community health worker for voluntary counseling and testing services

- (a) Explain to them the benefits of disclosing their HIV status to the family members. (5marks)
- (b) State SIX opportunistic infections that may occur if one is HIV positive. (6marks)
- (c) Describe FOUR types of Antiretroviral drugs (4marks)

