



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

Faculty of Engineering & Technology

DEPARTMENT OF CIVIL AND BUILDING ENGINEERING

DIPLOMA IN ARCHITECTURE
DIPLOMA IN CIVIL ENGINEERING
DIPLOMA IN CIVIL ENGINEERING WITH CAD
CERTIFICATE IN ARCHITECTURE

SEMESTER EXAMINATIONS

APRIL/MAY 2010 SERIES

HIV AIDS

TIME: 2 HOURS

Instructions to Candidates

You should have the following for this examination:

Answer booklet

This paper consists of **FIVE** questions.

Answer Question **ONE** and any other **TWO** Questions.

Maximum marks for each part of a question are as shown.

Use illustrations and examples clearly in your answers.

Question ONE

- (a). With a diagram illustrate the natural progression of HIV to AIDS. **(10 Marks)**
- (b). Briefly explain the following sexually transmitted diseases:
- (i). Syphilis
 - (ii). Gonorrhoea
 - (iii). Venereal warts
 - (iv). Chlamydia
- (8 Marks)**
- (c). State;
- (i). **FOUR** limitation of ART. **(8 Marks)**
 - (ii). **FOUR** benefits of HIV and AIDs counseling. **(4 Marks)**

Question TWO

- (a). Highlight **SEVEN** ways to enhance adherence in PLWHA. **(7 Marks)**
- (b). Define the following terms:
- (i). Viral load
 - (ii). Positive living
 - (iii). Disordant couples
 - (iv). Post exposure Prophylaxis
 - (v). Syndrome
- (10 Marks)**
- (c). State **THREE** positive effects religion has had an AIDS. **(3 Marks)**

Question THREE

- (a). Outline **SIX** barriers to adherence of ART. **(6 Marks)**
- (b). State **FIVE** methods of HIV management. **(5 Marks)**
- (c). (i). State **SIX** benefits of ART. **(6 Marks)**
- (ii). Outline **THREE** modes of HIV transmission. **(3 Marks)**

Question FOUR

- (a). Explain the effects of HIV/AIDs on the following:
- (i). Population
 - (ii). Agriculture

- (iii). Development and economy
- (iv). Education
- (v). Orphaned children

(20 Marks)

Question FIVE

- (a). Outline **SIX** ways in which drugs increase the risk of contracting AIDs. **(6 Marks)**
- (b). Mention:
 - (i). **FOUR** major side effects of ARVs.
 - (ii). **FOUR** signs and symptoms suggestion to HIV infection. **(8 Marks)**
- (c). (i). Explain **TWO** reasons that may lead to a PLWHA to stop treatment. **(4 Marks)**
(ii). Outline **TWO** types of drug interactions with ARV's. **(2 Marks)**