



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIROMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR DEGREE/ YEAR1/SEMESTER1

APH 4101: HIV /AIDS AWARENES AND MANAGEMENT

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2019

TIME: 2HOURS

Instructions to Candidates

You should have the following for this examination

Answer Booklet, examination pass and student ID

This paper consists of **FIVE** Question(s). Attempt question ONE (Compulsory) and any other TWO questions

Do not write on the question paper.

QUESTION ONE

30 Marks

- a. Briefly explain the meaning of the following terms; **(1 mark each)**
- i. HIV life cycle
 - ii. Window period
 - iii. Anonymous HIV test
 - iv. Viral load
 - v. Discordant couples
- b. State at least four body fluids that don't transmit HIV **(4 marks)**
- c. Outline four Most At Risk Persons (MARPs) for contracting HIV/AIDS **(4 marks)**
- d. Briefly describe factors that might facilitate HIV transmission from a mother to child during breastfeeding **(4 marks)**
- e. List four common types of sexually transmitted infections **(4 marks)**

f. Briefly explain ways by which HIV/AIDS cannot be transmitted from infected to uninfected person
(4 marks)

g. Explain the five major causes of malnutrition and weight loss for persons' living with HIV/AIDS.
(5 marks)

QUESTION TWO

A 32 year old female school teacher comes to the clinic after she tested HIV positive at a local VCT. She feels fine and has no signs and symptoms of AIDS or any other illness. She is married to a nurse HIV positive too but is in good health. The couple desires to have children. Describe the various measures that she will take to prevent both her husband and children from getting infected with HIV/AIDS.
(20 marks)

QUESTION THREE

Use of medications has proved to be somehow more effective in managing HIV/AIDSs. Discuss the other options that can also be used to manage HIV/AIDS besides medications.
(20 marks)

QUESTION FOUR

The global Human Immunodeficiency Virus (HIV) pandemic continues to expand, with an estimated 2.1 million people becoming infected and 1.5 million dying each year. Discuss the impacts of HIV/AIDS in the following sectors.

- i. Agriculture (5 marks)
- ii. Health (5 marks)
- iii. Education (5 marks)
- iv. Economy (5 marks)

QUESTION FIVE

Discuss some of the high-risk situations that may lead to HIV/AIDS infection among the adolescents or youths.
(20 marks)