



CERTIFICATE UNIVERSITY EXAMINATIONS
SCHOOL OF MANAGEMENT AND LEADERSHIP
CERTIFICATE COMMON UNIT

CCU 104 : INTRODUCTION TO HIV/AIDS

DATE: 2ND AUGUST 2023

DURATION: 2 HOURS

MAXIMUM MARKS: 70

INSTRUCTIONS

1. Write your registration number on the booklet.
2. **DO NOT** write in this question paper.
3. This paper contains **SIX (6)** questions.
4. Question **ONE** is compulsory.
5. Answer any other **FOUR** questions.
6. Question **ONE** carries **30 MARKS** and the rest carry **10 MARKS** each.
7. **Write all your answers in the examination answer booklet provided.**

QUESTION ONE

Read the Case Study below carefully and answer the questions that follow:

BIKO

Biko, a 28 year-old youth program manager from Alberta Canada, tested positive for HIV when she was 20 and a senior in college. After being in a monogamous relationship through her high school and college years and testing negative multiple times throughout the relationship, Biko and her boyfriend both tested positive.

That wasn't where the news ended: Biko was pregnant, too. "The doctor told me he thought it was a false positive and not to worry." When the baby was born, Biko was tested again. She was positive, but the baby was negative.

As it turns out, her boyfriend contracted HIV during sexual contact with another person. He then transmitted it to Biko.

That was 10 years ago. Today Biko is married to an HIV-positive man she met after her diagnosis and they have two children together — both of whom are HIV-negative.

Because of her experience finding out at such a young age and feeling alone, Biko now runs an HIV and AIDS adolescent outreach program. Each week, she sits with HIV-positive teens and 20-somethings, counseling them on their options, both medical and personal — the same tough decisions she had to make.

Biko herself is not currently taking any medications to treat her HIV. "I took medicine while I was pregnant each time, but I just felt like I wasn't ready to be as compliant as I should be," she says. "However, in the last few months, I've decided it's time I start looking at my medicine options."

Required:

- a) Biko and her boyfriend both tested positive. Examine ways in which HIV is transmitted. (8 marks)
- b) Differentiate HIV and AIDS to Biko. (2 marks)
- c) List opportunistic diseases that Biko and her boyfriend would be at risk of contracting. (4 marks)
- d) Assess three theories on the origin of HIV (6 marks)
- e) Outline four body fluids through which HIV can be transmitted (4 marks)
- f) Propose Biko's reactions after learning that she was positive. (6 marks)

QUESTION TWO

Define the following;

- a) Antibody (2 marks)
- b) Antigen (2 marks)
- c) Opportunistic diseases (2 marks)
- d) ELISA (2 marks)
- e) AIDS (2 marks)

QUESTION THREE

Briefly examine the stages of HIV and explain the possible symptoms (10 marks)

QUESTION FOUR

Assess the roles of the following players in homebased care

- a) Family (5marks)
- b) Government (5 marks)

QUESTION FIVE

Analyze the multi-sectoral impact of HIV/ AIDS (10marks)

QUESTION SIX

Illustrate five socio-economic factors and cultural practices that have greatly contributed to the rapid spread of HIV/ AIDS. **(10 marks)**