



Technical University of Mombasa

Faculty of Applied and Health Sciences DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN (ELECTRICAL, BUILDING & CIVIL, MECHANICAL ENGINEERING , MATHEMATICS, DEVELOPMENTAL STUDIES, TOURISM MANAGEMENT , INFORMATION TECHNOLOGY) BACHELOR OF TECHNOLOGY (MEDICAL LABORATORY SCIENCE , MICROBIOLOGY , INDUSTRIAL & ANALYTICAL CHEMISTRY, INFORMATION COMMUNICATION TECHNOLOGY), BACHELOR OF (COMMERCE, BUSINESS ADMINISTRATION, JOURNALISM)

SZL 2111 / APH 4100 : HIV/AIDS

SPECIAL/SUPPLEMENTARY EXAMINATION

FEBRUARY 2013 SERIES

2

HOURS

Instructions to candidates:

This paper consist of **FIVE** questions

Answer question **ONE** (compulsory) and any other **TWO** questions

Question ONE

During this semester's campus night, Lulu Chaurembo a first year student at MPUC was gang raped by people well known to her. She was too scared to seek medical attention. Last week she fainted in class, it was later discovered that she is 3months pregnant and HIV positive. Explain

- FOUR ways in which unplanned pregnancies contribute to the spread of HIV. **(4marks)**
- Why she needs to protect herself from malaria during pregnancy. **(2marks)**
- TWO post rape emergency steps she should have taken to avoid this scenario. **(2marks)**

- d) Why risk of HIV infection is higher in rape cases than in consented SEX. **(3marks)**
- e) How recreational drug use may have contributed to rape **(4marks)**
- f) Any FOUR steps that need to be taken to avoid HIV transmission from Lulu to the baby.
(4marks)
- g) FOUR factors that she needs to consider when choosing infant feeding options. **(4marks)**
- h) Why she is more likely to suffer from candidiasis **(3marks)**
- i) Challenges she may face if she chooses to use a female condom during sex. **(4marks)**

Question TWO

- a) Discuss the statement “HIV/AIDS is a result of immune system disorder” **(10marks)**
- b) Explain the role of VCTs in controlling HIV/AIDS. **(10marks)**

Question THREE

- a) HIV/AIDS results in a vicious cycle of poverty among the infected as well as affected. Justify this statement. **(10marks)**
- b) Discuss strategies used by Kenyan government to prevent the spread of HIV/AIDS among the infected. **(10marks)**

Question FOUR

Although a little wine is good for the stomach, it is not so in the context of HIV/AIDS. Discuss how alcohol contributes to the spread of HIV/AIDS. **(20marks)**

Question FIVE

It is now illegal (an offence) to practice female circumcision, procure the services of a circumciser, provide premises for purposes of carrying out FGM, possess tools associated with FGM, and fail to report an incident of FGM. Using appropriate examples, discuss how FGM contributes to the spread of HIV. **(20marks)**