



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR**

FIRST YEAR FIRST SEMESTER EXAMINATIONS

FOR THE DIPLOMA

IN

**CIVIL ENGINEERING / WATER TECHNOLOGY / ELECTRICAL
AND ELECTRONIC ENGINEERING**

COURSE CODE: DCE 063

COURSE TITLE: HIV AND AIDS

DATE: THURSDAY 31ST JANUARY 2019 TIME: 9.00AM – 11.00AM

INSTRUCTIONS:

1. This paper contains **FIVE** questions
2. Question **ONE** is **COMPULSORY**
3. Attempt any other **THREE** questions
4. Marks for each question are indicated in the parenthesis.
5. Examination duration is **2 Hour**

MMUST observes **ZERO** tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

QUESTION ONE COMPULSORY (25 MARKS)

- a.) Define the following term (5 Marks)
- i. AIDS
 - ii. Vulnerability
 - iii. incidences
 - iv. pandemic
 - v. Epidemic.
- b. State and explain any **five** theories that explain the origin of HIV virus (10 Marks)
- c. Discuss **five** mitigation measures to reduce the number of new cases of infection of HIV (10 Marks)

QUESTION TWO (15 MARKS)

- a. Define work place policy on HIV and AIDS (2 Mark)
- b. State the importance of work place policy in an institution (5 Marks)
- c. Discuss how cultural practices render people vulnerable to HIV infections. (8 Marks)

QUESTION THREE (15 MARKS)

- a. You have been selected by the MMUST AIDS Control Unit (ACU) to speak to community about vulnerable groups on this year's aids day. Discuss the vulnerable groups. (10 Marks)
- b. Factors to consider when constructing home design for the infected and affected(5 Marks)

QUESTION FOUR (15 MARKS)

- a. The media in Kenya has reported on issues on HIV and AIDS in four phases. Discuss the FOUR phases (8 Marks)
- b. Within the work place, HIV has the following impacts/consequences, explain (7 Marks)

QUESTION FIVE (15 MARKS)

- a. Counseling is considered to be an important aspect in preventing HIV transmission. State the importance of counseling (5 Marks)
- b. State and explain three forms of counseling (6 Marks)
- c. Identify objectives of care and support (4 Marks)