



MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2019/2020 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE BACHELOR OF SCIENCE IN CIVIL AND STRUCTURAL
ENGINEERING/ELECTRICAL AND COMMUNICATION ENGINEERING AND
MECHANICAL AND INDUSTRIAL ENGINEERING**

**BACHELOR OF TECHNOLOGY IN BUILDING CONSTRUCTION/RENEWABLE ENERGY
TECHNOLOGY**

**BACHELOR OF TECHNOLOGY EDUCATION (BUILDING AND CIVIL ENGINEERING,
ELECTRICAL ENGINEERING AND MECHANICAL ENGINEERING OPTIONS)**

COURSE CODE: DEM 100

COURSE TITLE: HIV AND AIDS PREVENTION AND MANAGEMENT

DATE: TUESDAY 3RD NOVEMBER 2020

TIME: 9.00 – 11.00 AM

INSTRUCTIONS TO CANDIDATES

Answer question ONE (compulsory) and any other TWO questions

MMUST observes ZERO tolerance to examination cheating

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

QUESTION ONE (COMPULSORY)

- a) State any five (5) ways in which the student community in a public university can propagate HIV related stigma. (5 Marks)
- b) Illustrate with examples how social media can be utilized by the Kenyan health ministry to prevent HIV infections among the youths in the country. (15 Marks)
- c) Describe how HIV and AIDS has affected human resource in the manufacturing sector in Kenya. (10 marks)

QUESTION TWO

With examples, make an analysis of the effectiveness of behavioral strategies as compared with bio-medical strategies of preventing HIV infections in Kenya. (20 marks)

QUESTION THREE

Elucidate on the sexuality-related factors that escalate HIV prevalence rates among the youths in universities and colleges in Kenya. (20 Marks)

QUESTION FOUR

The distribution of impacts of HIV epidemic varies across continents and even sub-regions, with Sub-Saharan region hard hit. Critically discuss any five vulnerability factors that have contributed to higher HIV incidence in Sub- Sahara Africa. (20 Marks)

QUESTION FIVE

Considering the dynamics of how the human immune system works, illustrate with examples why decision by youths to go for early counseling and testing services is important. (20 marks)