



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

(MMUST)

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR
MAIN EXAMINATION**

FIRST YEAR SECOND SEMESTER EXAMINATIONS

FOR THE DIPLOMA

IN

INFORMATION TECHNOLOGY

COURSE CODE: DIT 065

COURSE TITLE: HIV AND AIDS PREVENTION AND MANAGEMENT

DATE: 25/04/2022 **TIME: 8:00 - 9:30AM**

INSTRUCTIONS TO CANDIDATES

Answer Question 1(ONE) and any other TWO Questions

TIME: 1 Hour 30 Minutes

MMUST observes ZERO tolerance to examination cheating

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

Question one (24 Marks)

- (i) With the aid of a diagram discuss the Structure and life cycle of HIV relating it to the different stages of HIV and AIDs.(10 marks)
- (ii) Give a brief discussion on how the different myths and misconceptions contribute to the spread of HIV and AIDs. (8 marks)
- (iii) Briefly discuss the vulnerable groups and how each group can be targeted in the management and Prevention of HIV and AIDs(6marks)

Question two (18 Marks)

The number of children living with HIV in Kenya fell from 180,000 in 2010 to 111,500 in 2020, partly due to improved access to services, including for more pregnant women. However, infection rates among young people (15-24) remain a concern. Discuss(18 marks)

Question three (18 Marks)

- (i) Highlight the current status of HIV and AIDs IN Kenya (8 marks)
- (ii) Outline the different HIV prevention programmes in Kenya (6 marks)
- (iii) Explain the barriers to the HIV response in Kenya (8 marks)

Question four (18 Marks)

- (i) As an IT expert discuss the challenges and opportunities of technology in HIV and AIDs prevention and management (8marks)
- (ii) Highlight the consequences of risky and irresponsible sexual behavior among the youths and its challenges to the management of HIV and AIDs prevalence among university Students. (10 marks)