



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

**SECOND YEAR FOURTH TRIMESTER MAIN EXAMINATIONS
2023/2024**

FOR THE DIPLOMA IN SECURITY AND INTELLIGENCE STUDIES

COURSE CODE: SEC/CU/SM/CR/13/6/A

**COURSE TITLE: MANAGEMENT OF INSTITUTIONAL SECURITY
SYSTEMS AND TECHNOLOGY**

DATE: 11/12/2023

TIME: 2-4PM

INSTRUCTIONS

1. This paper consists of **FIVE (5)** questions
2. Attempt **Question 1** and **ANY** other **TWO** Questions

QUESTION 1

A) Define the following

- a) Workplace security (2mk)
- b) Physical security (2mk)
- c) Digital security (2mk)

B) Explain the concept Security and Protection systems (3mk)

C) Explain 3 ways of Enforcing security policies using technology (3mks)

D) Highlight 3 factors to consider before installing the security systems at your workplace.(3mks)

E) List 10 examples of security threats likely to be encountered at the University. Give suggestions for managing the threats. (15mks)

QUESTION 2

a) The installation and maintenance of security systems and technology is essential. Discuss the steps towards achieving this. (12mks)

b) Discuss the roles of modern technology in physical security management (8mks)

QUESTION 3

a) Discuss the importance of installing the security systems and technology at the workplace. (12mks)

b) Highlight the importance of conducting regular review and update of security systems at your workplace. (8mks)

QUESTION 4

a) Training on the security systems and technology is prerequisite for effective security management. Discuss the steps towards achieving this. (10mks)

b) Training on security systems and technology demand mobilization of training resources. Give 10 examples of the resources. (10mks)

QUESTION 5

a) Discuss procedurally, ways of managing operations of the installed security systems and technology at the workplace. (12mks)

b) Access control measures is one of the ways of managing operations of the security systems and technology. Explain 5 ways how this is achieved. (8mks)