



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

**FOURTH YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF
BACHELOR OF ARTS IN CRIMINOLOGY AND SECURITY STUDIES
SECOND SEMESTER, 2023/2024
(JANUARY-APRIL, 2024)**

CRSS 422: PHYSICAL SECURITY I

STREAM: Y4 S2

TIME: 2 HOURS

DAY: FRIDAY, 12:00 – 2:00 P.M.

DATE: 12/04/2024

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE and any TWO other Questions.***

QUESTION ONE

- Explain how physical access control can be achieved by CCTV surveillance
(20 Marks)
- Explain how access control uses computers to solve the limitation of
mechanical locks and keys in the society. (10 Marks)

QUESTION TWO

Explain handwriting analysis and its characteristics as a scientific method used
by forensic experts in identifying criminals in the society. (20 Marks)

QUESTION THREE

Discuss facial recognition system as a method of identification and its techniques
in relation to physical security of an area. (20 Marks)

QUESTION FOUR

Define fingerprint recognition or finger print authentication and clearly discuss
its three basic patterns as methods of Physical identifications in Kenya.
(20 Marks)

QUESTION FIVE

Explain the classifications of access control readers and their functions.
(20 Marks)