

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

EXAMINATION FOR THE AWARD OF DIPLOMA IN CRIMINOLOGY AND  
SECURITY STUDIES

CRSS 0233: PHYSICAL SECURITY

STREAMS: DIPLOMA CRSS

TIME: 2 HOURS

DAY/DATE: TUESDAY 29/08/2023

11.30 A.M – 1.30 P.M.

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**INSTRUCTIONS:**

Answer question **one** and any other **two**

**QUESTION ONE (30 Marks)**

- a. Elaborate five objectives of physical security program. (10 Marks)
- b. Explain the following terms used in physical security. (10 Marks)
  - i. Physical security
  - ii. Physical security Inspections
  - iii. Inspections and Surveys
  - iv. Physical security survey
  - v. Security-Engineering Surveys
- c. State what security inspection must address in order to protect people, information, functions and physical assets. (5 Marks)
- d. Discuss perimeter and physical barriers as a way of providing and enhancing physical security in an institution. (5 Marks)

**QUESTION TWO (20 Marks)**

- a. Discuss some of the recommended physical security inspection process. (10 Marks)
- b. Explore five factors that may affect the type of security container required. (10 Marks)

**QUESTION THREE (20 Marks)**

- a. Explain the major intrusion detection and electronic surveillance. (10 Marks)
- b. Discuss the various types of protective lighting systems used in enhancing protection in physical security. (10 Marks)

**QUESTION FOUR (20 Marks)**

- a. Analyze the functions of physical security inspection. (10 Marks)
- b. Explain the various types of sensors applied in physical security. (10 Marks)

**QUESTION FIVE (20 Marks)**

- a. Discuss the various levels of physical security that a company can put in place so as to enhance protection. (10 Marks)
  - b. Examine the general principles and guidelines applied in protective lighting. (10 Marks)
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