

CHUKA



UNIVERSITY

## UNIVERSITY EXAMINATIONS

### EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF ARTS IN CRIMINOLOGY AND SECURITY STUDIES

**CRSS 431: PHYSICAL SECURITY**

**STREAMS: B.A CRSS**

**TIME: 2 HOURS**

**DAY/DATE: WEDNESDAY 4/12/2019**

**2.30 P.M – 4.30 P.M**

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#### INSTRUCTIONS

**Answer question one (compulsory) and any other two questions**

1. (a) State the major components of active dispensable barriers. [3 marks]  
(b) Explain three objectives of protective lighting. [3 marks]  
(c) Describe the attributes and features of intrusion detection system and explain how such attributes can enhance the security of any institution of learning of your choice. [24 marks]
  2. (a) State and explain three types of access control. [3 marks]  
(b) Describe the various categories of interior detection systems. [17 marks]
  3. (a) Distinguish between active and passive protective barriers. [4 marks]  
(b) Discuss how any four general systems of protective lighting can be used as deterrence against crime in a facility. [15 marks]
  4. Discuss the importance of interior motion sensors to the security of any organization of your choice. [20 marks]
  5. (a) State three categories of exterior sensors. [3 marks]  
(b) Discuss the key considerations for an effective security guard force. [17 marks]
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