



NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF SOCIAL SCIENCES<sup>1234</sup>  
DEPARTMENT OF CRIMINOLOGY & SECURITY STUDIES (CSS)  
2021\_1 EXAMINATION QUESTION

COURSE CODE: CSS441

COURSE TITLE: **Technical/Electronic Aspects of Security**

CREDIT UNIT: 3

TME ALLOWED: 3 HOURS

**INSTRUCTION:** Answer any **four (4)** questions, all questions carry equal marks.

1. (a) Define Encryption in software-based Security. **(3.5 marks)**  
(b) Explain four (4) current encryption technology that can be used to protect electronic banking system. **(14 marks)**
2. (a) Highlight and explain two (2) factors to be considered in changing from Analog to digital surveillance system. **(7 marks)**  
(b) Discuss at least three (3) important benefits for converting from Analog CCTV system to a digital system of surveillance. **(10.5marks)**
3. (a) Define the concept of “intelligence gathering”. **(3.5 marks)**  
(b) Explain four (4) major roles of the Nigeria Security and Civil Defense corps in the application of electronic gadgets. **(14 marks)**
4. Explain Five (5) factors in decomposing the risks associated with electronic transactions around the globe. **(17.5 marks)**
5. Identify and discuss five (5) roles of public sector in improving E-Security. **(17.5 marks)**