



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF CRIMINOLOGY AND SECURITY STUDIES
2025_2 EXAMINATIONS

COURSE CODE - CSS441
COURSE TITLE - **Technical/Electronics Aspects of Security**
CREDIT UNITS - 3
TIME - 3 Hours
ALLOWED

INSTRUCTION: Answer any **FOUR** questions of your choice.

1. (a) Discuss the barriers to implementing effective e-security in emerging markets, as identified by the World Bank. (12.5 marks)
(b) How do these barriers impact the development of a secure digital environment? (5marks)
2. (a) Analyse the case studies of Brazil, South Africa, and the Philippines in implementing e-security measures. (12 marks)
(b) What lessons can be learnt from these examples? (5.5 marks)
3. (a) Explain the role of government and law enforcement agencies in e-security. (10 marks)
(b) Why is their involvement critical in addressing market failures in the e-security sector? (7.5 marks)
4. What is the G-8 principles for protecting critical information infrastructures, and how do they help in mitigating e-security risks? (17.5 marks)
5. (a) Discuss the relationship between security, cost, and quality of service in electronic transactions. (12marks)
(b) How can financial service providers balance these factors effectively? (5.5marks)