



SCHOOL OF COMPUTING AND ENGINEERING SCIENCES (SCES)
BACHELORS OF ELECTRICAL AND ELECTRONICS ENGINEERING
END OF SEMESTER EXAMINATION
BBT/CNS: 4203 CYBER LAW

DATE: 29th April 2026

Time: 13:30 – 15:30 Hours

Instructions

1. This examination consists of **FIVE** questions.
2. Answer **Question ONE (COMPULSORY)** and any other **TWO** questions.
3. Do **Not Write** on the Question Paper.

QUESTION 1 (30 MARKS)

A fast-growing Kenyan fintech startup, *M-PesaLink Solutions Ltd*, has recently experienced multiple cyber incidents. Customers have reported unauthorized access to their accounts, misleading SMS alerts, and data leaks. Internal investigations reveal possible insider threats and external cyber-attacks.

- a) As a cybersecurity consultant, analyze how the following offences under the Computer Misuse and Cybercrimes Act, 2018 may arise in this scenario: (20 marks)

For each offence:

- Explain how it applies within the scenario
 - Illustrate with a specific action or event from the case
 - Advise on the legal consequences and organizational risks
- i. Cyber harassment
 - ii. Identity theft
 - iii. Phishing
 - iv. False publication
 - v. Cyber espionage

b) The company is considering taking legal action against both internal staff and external attackers.(10 marks)

As a cybersecurity advisor:

- Distinguish between civil and criminal legal remedies in this context
- Recommend which approach (or both) the company should pursue in different situations (e.g., insider vs external attacker)
- Justify your recommendations with reference to Kenyan law

QUESTION 2 (15 MARKS)

A Kenyan e-commerce platform, *JumiaKenya Online Stores*, collects customer data including names, phone numbers, ID numbers, and purchase history. A customer requests that their data be deleted and withdraws consent for further processing.

a) As the company's Data Protection Officer (DPO): (10 marks)

- Explain FIVE rights or obligations of data controllers that are triggered in this situation
- Demonstrate how each right applies practically in handling the customer's request

b) Evaluate the process and implications of withdrawing consent in this scenario by: (5 marks)

- Outlining the step-by-step process the company must follow
- Analyzing the legal, operational, and cybersecurity implications of such withdrawal
- Advising the company on how to remain compliant while maintaining service delivery

QUESTION 3 (15 MARKS)

A Kenyan ISP (Internet Service Provider) is accused of failing to prevent the spread of harmful online content and faces regulatory scrutiny.

As a policy and cybersecurity analyst, evaluate how the following institutions would respond to this situation:

- a) Ministry of Information, Communication and Digital Economy
- b) Communications Authority of Kenya (CA)
- c) Communications and Multimedia Appeals Tribunal (CMAT)

For each institution:

- Explain its specific role in resolving the issue
- Describe the actions it is likely to take
- Assess its impact on the ISP and the public

QUESTION 4 (15 MARKS)

Strathmore University plans to enhance its cybersecurity posture after a simulated ransomware attack targeting student records and financial systems.

As a final-year Computer Networks and Security (CNS) student, propose a practical cybersecurity project that would address this threat.

Your answer should:

- Identify the most appropriate Intellectual Property (IP) protection strategy (e.g., copyright, patent, trade secret)
- Justify why that IP protection is suitable in the Kenyan context

QUESTION 5 (15 MARKS)

A university student is arrested in Nairobi for allegedly hacking into a government database and leaking sensitive information online. As a cyber law analyst, evaluate the role of the Office of the Director of Public Prosecutions (ODPP) in this case by:

- Explaining the process the ODPP follows in prosecuting cybercrime cases
- Analyzing how the ODPP works with digital evidence and investigators (e.g., DCI Cybercrime Unit)
- Assessing the challenges the ODPP may face in successfully prosecuting cybercrime in Kenya