



BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF COMMERCE

DEPARTMENT OF INTELLIGENCE & SECURITY DEPARTMENT

**BACHELOR OF COMMERCE HONOURS DEGREE IN FINANCIAL
INTELLIGENCE PART 4**

FI409 CYBER TECHNOLOGY

DURATION: 3HOURS

JUN 2024

INSTRUCTIONS TO CANDIDATES

1. Answer any four questions
2. Each question carries 25 marks
3. Cell phones are not allowed into the examination room
4. Begin each fresh answer on a new page

QUESTION 1

- a) Explain the following forms of cyber crimes
- i) Phishing and Scam: (3)
 - ii) Identity Theft (3)
 - iii) Ransomware Attack (3)
 - iv) Hacking (3)
 - v) Internet Fraud (3)
- b) Discuss the security issues related to social media in Zimbabwe. (10)

[Total marks 25]

QUESTION 2

Cybercrimes are increasing in the financial sector in Zimbabwe. Justify your answer.

[Total marks 25]

QUESTION 3)

- a) Describe any five elements of cyber security (10)
- b) Highlight the merits of cyber security (15)

[Total marks 25]

QUESTION 4

Draft a cyber crises management plan for an organization of your choice.

(25)

QUESTION 5)

- a) Describe the steps to secure a web server. (10)
- b) Explain social engineering and its attacks. (15)

[Total marks 25]

QUESTION 6)

Evaluate the effectiveness of anti-virus sensor systems (25)