



Information Assurance and Security 1
Laboratory Exercise 2: Information System Security

Name: _____ Section: _____

Objective:

To understand the role of Information Security Specialist Officer in protecting an organization against both cyber and physical information system attacks.

Instruction:

As an Information Security Specialist officer, your task is to secure the company from both cyber and physical information system attacks. You are required to:

Part A

1. Identify one company (real or hypothetical).

2. Provide a short description of the company (nature of business, size, industry, etc.)

Example:

Company Name: TechNova Solutions Inc.

Industry: Information Technology Services

Size: Medium enterprise with 150 employees

Description: TechNova Solutions Inc. provides cloud-based software development and IT consulting services to local and international clients. The company handles sensitive customer data, proprietary source code, and financial records.

Part B

Identify Security Threats

Cybersecurity Threats



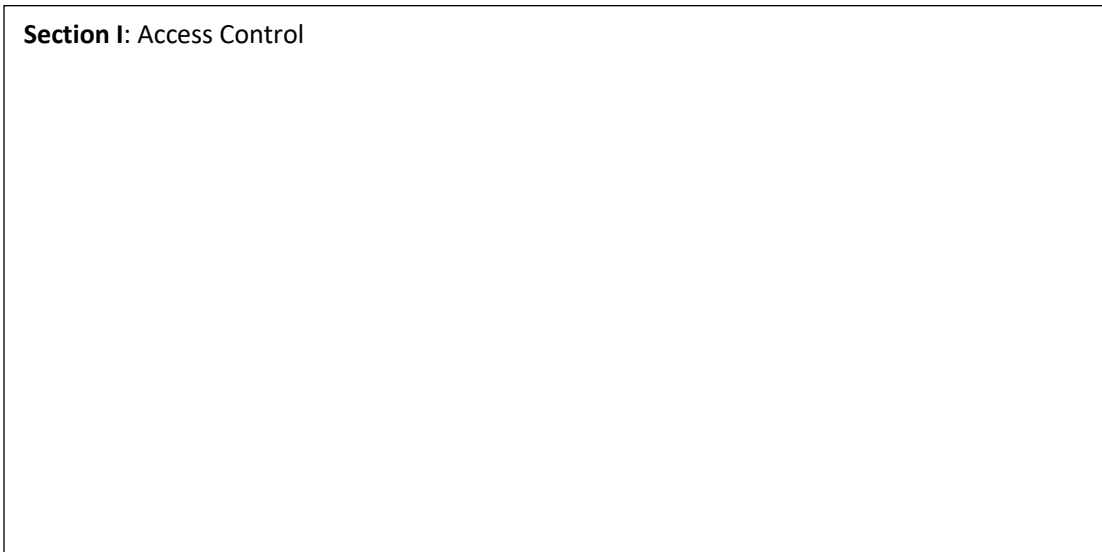
Physical Security Threats



Part C

Create a security manual that of the company outlines the rules, policies, and procedures for protecting a company's information system against both cyber and physical attacks. The manual should include the following sections: Access Control, Data Security, Network Security, Physical Security, and Incident Response.

Section I: Access Control



Section II: Data Security

Section III: Network Security

Section IV: Physical Security

Section V: Incident Response

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