CYBER SECURITY ASSIGNMENT QUESTION

DAY 6

1. Importance of Cyber Security Human Resources

Task: Research and discuss the significance of having a skilled and well-trained cyber security workforce within organizations. Outline the key roles and responsibilities of cyber security professionals and the challenges associated with recruiting and retaining talent in this field.

2. Integrating Physical Security with Cyber Security

Task: Explore the relationship between physical security and cyber security in protecting organizational assets. Identify common threats that arise from physical security vulnerabilities and discuss strategies for mitigating these risks through integrated security approaches.

3.Cyber Security Asset Management Best Practices

Task: Research and outline best practices for managing digital assets within an organization's cyber security framework. Discuss the importance of asset identification, classification, and inventory management in protecting critical information assets from cyber threats.

4. Cyber Security Architecture Design Principles

Task: Investigate the fundamental principles of designing a robust cyber security architecture for organizations. Discuss the key components and considerations in architecting secure IT systems, networks, and applications to defend against cyber threats.

5. Case Study: Cyber Security Incident Response Plan Development

Task: Analyze a real-world cyber security incident and develop an incident response plan for an organization. Identify the key stages of incident response, roles and responsibilities of team members, and communication protocols to coordinate the response effectively.