

CYBER SECURITY ASSIGNMENT QUESTION

DAY 73

- 1.Explain the importance of database forensics in digital investigations. Discuss the process of retrieving and analyzing data or metadata found in databases for forensic purposes.**
- 2. Discuss the role of malware forensics in cybersecurity investigations. Explain how malware analysis techniques are used to identify and analyze malicious programs such as viruses, ransomware, or trojan horses.**
- 3.Explain the challenges and limitations of database forensics in digital investigations. Discuss how factors such as data encryption, database security controls, and transaction logging impact the effectiveness of database analysis.**
- 4.Discuss the process of conducting malware forensics analysis on a suspected infected system. Explain the steps involved in collecting malware samples, analyzing their behavior, and mitigating the impact of malware infections.**
- 5. Explain the concept of digital fingerprinting and its relevance to both database forensics and malware forensics. Discuss how digital fingerprints are used to identify and track data or malware artifacts across digital environments.**