

Compensatory IA**Program: B.E****Department: Computer Science &****Engg.****Course Title: Cyber Security****Duration: 1 Hr.****Academic Year: 2024-25 (ODD SEM)****Max. Marks: 30 marks****Semester: 7****Code: 21CS71****Date: 10/12/2024**

Instructions:	1	Missing data, if any, may be suitable assumed.
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Q.No	PART A (Compulsory question)	[L]	[CO]	[PO]	[M]
1.	Discuss various Web Server Vulnerabilities	2	2	1	5
PART B (Answer any 1 questions)					
2.	In 2021, Domino's India faced a data breach exposing customer information. 1. Identify potential web application vulnerabilities that may have been exploited. 2. Propose steps on how to detect and mitigate these vulnerabilities using tools like OWASP ZAP or Burp Suite. Suggest a long-term strategy	3	2	2	10
3.	As a cybersecurity professional, compare Intrusion Detection Systems (IDS) and Intrusion Prevention Systems (IPS) in terms of functionality, deployment, and response to threats. Given a scenario where a company experiences frequent SQL injection attempts on its web application: 1. Identify whether an IDS or IPS would be more effective in this situation and why. 2. Apply the suitable system to detect and mitigate such attacks without impacting legitimate traffic. 3. Identify potential challenges in managing and maintaining the system in a dynamic threat landscape.	3	2	2	10
PART C (Answer any 1 question)					
4.	Identify and explain in detail the process of Configuring Chrome to work with Burp	3	4	2	10
5.	Identify and explain in detail, working of Web Application Attacks	3	4	2	10

