

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Computing Science & Engineering Backlog Examination, June 2023 [Programme: B.Tech. CSE] [Semester: 6] [Batch: All]				
Course Title: Information Security Intelligence And Compliance Analysis		Max Marks: 100		
Course Code: CSOS3060		Time:3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks) 5 Marks each				
1.	Give the difference between IDS and IPS?	K1	CO1	5
2.	Define Cybersecurity.	K2	CO1	5
3.	Explain what are HTTP response codes with example.	K2	CO1	5
SECTION-B(40 Marks) 10 Marks each				
4.	a) Discuss data leakage with the help of example. b) List out common cyberattacks.	K2	CO1	10
5.	Explain brute force attack and the ways to prevent it.	K3	CO1	10
6.	Discuss all the steps will you take to secure a server?	K3	CO1	10
7.	Differentiate between vulnerability assessment (VA) and penetration testing (PT)? OR Mention the steps to set up a firewall.	K4	CO1	10
SECTION-C (45 Marks) 15 Marks each				
8.	Give description for SSL encryption with proper diagrammatic presentation.	K4	CO1	15
9.	Mention the difference between symmetric and asymmetric encryption.	K5	CO2	15
10	Give an analytical comparison for risk, vulnerability, and threat in a network. OR Under what circumstances you can prevent identity theft? Analyze with the help of an example.	K5	CO1	15