Code: 20CS4702C

IV B.Tech - I Semester – Regular / Supplementary Examinations OCTOBER 2024

CYBER SECURITY
(COMPUTER SCIENCE & ENGINEERING)

Duration: 3 hours   Max. Marks: 70

Note: 1. This paper contains questions from 5 units of Syllabus. Each unit carries 14 marks and have an internal choice of Questions.
2. All parts of Question must be answered in one place.

BL – Blooms Level   CO – Course Outcome

			BL	CO	Max. Marks
UNIT-I					
1	a)	What is Information Security? Explain in detail.	L2	CO1	7 M
	b)	Explain Classifications of Cybercrimes in detail.	L2	CO1	7 M
OR					
2	a)	Define Cybercrime. Explain different types of Cybercriminals.	L2	CO1	7 M
	b)	Define the terms: - E-Mail Spoofing, - Hacking and - Computer Network Intrusions	L3	CO1	7 M
UNIT-II					
3	a)	Explain different types of attacks in detail.	L2	CO2	7 M
	b)	Explain Cyber stalking and how it works?	L2	CO2	7 M

		OR			
4	a)	What is Cloud Computing and its types of Services.	L3	CO2	7 M
	b)	What are the different attacks launched with attack vector? Explain.	L3	CO2	7 M

UNIT-III

5	a)	Explain the trends in Mobility.	L2	CO3	7 M
	b)	Explain Credit card frauds in mobile and wireless computing with neat diagram.	L2	CO3	7 M
		OR			
6	a)	What are the security challenges posed by Mobile devices?	L3	CO3	7 M
	b)	Explain the Proliferation (growth) of mobile and wireless devices.	L2	CO3	7 M

UNIT-IV

7	a)	Explain Key loggers and Spywares.	L2	CO2	7 M
	b)	Explain Attacks on Wireless Networks.	L2	CO3	7 M
		OR			
8	a)	Explain the following: • Distributed Denial of Service (DDOS). • SQL injection.	L2	CO2	7 M
	b)	What is the need of Proxy Servers and Anonymizers?	L3	CO2	7 M

UNIT-V

9	a)	Explain some Organizational Implications.	L2	CO4	7 M

	b)	What is cost of cybercrimes? Explain IPR issues.	L3	CO4	7 M
OR					
10	a)	Explain web threats for organizations in detail.	L2	CO4	7 M
	b)	Discuss about the security and privacy implications.	L2	CO4	7 M