17/05/2025 MCA SEM-II (NEP-2020) CYBER SECURITY QP CODE: 10081726

Time: 2 Hours   Total Marks: 50

			Marks	Course Outcome	Bloom's Level
Note: • **Question number Q1 is compulsory** • **Attempt any two questions out of Q2 to Q5**				**CO**	**BL**
Q1		Answer the following			
	a.	Cyber security classification of cyber criminals.	**[05]**	CO1	1
	b.	Explain IT Act 2000 and its weaknesses.	**[05]**	CO2	2
	c.	Guidelines for password policies that can be implemented organization wide.	**[05]**	CO3	3
	d.	Explain section 66F of IT Act with any 2 case studies. What are the penalties and fines?	**[05]**	CO4	3
Q2	a.	Explain proxy servers and keyloggers in detail.	**[08]**	CO3	1,2
	b.	Explain copyrights, patents, and trademarks. Illustrate each of them.	**[07]**	CO2	2,3
Q3	a.	Explain DoS and DDoS attacks with case studies.	**[08]**	CO3	2,3
	b.	Explain in detail what are the Dos and Don'ts to prevent credit card frauds.	**[07]**	CO1	1,2
Q4	a.	Explain Section 66C and Section 66D of the Information Technology Act, 2000. For each section, discuss its legal implications and provide any real-life case studies to illustrate its application	**[08]**	CO4	3,4
	b.	What is phishing? Explain the 4 methods of phishing.	**[07]**	CO3	2
Q5	a.	Explain data diddling and cybersquatting in detail. Illustrate each cybercrime with two case studies.	**[08]**	CO1	2,3
	b.	Explain in detail web threats for organizations.	**[07]**	CO1	2

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