PRN:		Course Code :	II2802

Final Year **B. Tech CSE** End Semester Examination Summer 2024

Introduction to Cyber Security

Day and Date: 11 JUN 2024, Tuesday Max Marks: **100**

Time : 10.30am to 1.30PM Duration: **03** hrs

Instructions: All questions are compulsory.

Q.1		**Attempt the following**	Marks	Bloom's Level	CO
	a)	Define and explain information security with example	08	L2	CO1
	b)	Define and explain OSI model with diagram	08	L3	CO1
		OR			
	b)	Draw and Explain different types of Attacks	08	L3	CO1
Q.2		**Attempt the following**			
	a)	Explain e-commerce security? its dimensions.	08	L2	CO2
	b)	Evaluate term classification of cybercrime	08	L3	CO2
		OR			
	b)	Explain term Privacy and example with respect to social media	08	L3	CO3
Q.3		**Attempt any two from the following**			
	a)	Distinguish between hacking & cracking.	08	L4	CO2
	b)	What is Unauthorized Access? Explain weak passwords.	08	L2	CO3
	c)	Explain Prevention techniques against unauthorized access.	08	L2	
Q.4		**Attempt any two from the following**			
	a)	Discuss different methods of encryption. (Symmetric, Asymmetric, Hashing).	08	L4	CO3
	b)	Make a use of IP tracking, How are IP addresses tracked?	08	L3	CO3
	c)	Difference between secret key encryption and public key encryption	08	L2	CO3
Q.5		**Attempt any Two of the following**			
	a)	Explain Cryptography in detail with diagram	09	L3	CO4
	b)	Predict term password cracking with its techniques.	09	L4	CO4
	c)	Explain social engineering attacks.(Phishing)	09	L2	CO5
Q.6		**Attempt any Two of the following**			
	a)	Analyze terms SSL and TLS.	09	L2	CO5
	b)	Describe the term cyber resilience with its diagram.	09	L3	CO6
	c)	Determine the term cyber law with its importance.	09	L2	CO6

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