PRN:		Course Code :	UST555

Third Year **B. Tech(AIML)** End Semester Examination Winter 2024

Cyber Security

000308

Day and Date: Tue 26 NOV 2024 Max Marks: **100**

Time : 10.30AM To 01.30PM Duration: **03** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Explain in detail types of attacks.	08	L2	4
	b)	Draw and Explain OSI Model with respect to layers.	08	L2	4
		OR			
	b)	Explain OWASP top ten in detail.	08	L2	4
Q.2		**Attempt the following**			
	a)	Explain any 8 types of cyber crime in detail.	08	L2	1
	b)	Explain cybercrime in detail.	08	L3	1
		OR			
	b)	Make use of examples & explain properties of cyber crime.	08	L3	1
Q.3		**Attempt any two from the following**			
	a)	Explain in short Mail Bomb, Exploitation, Stalking.	08	L2	2
	b)	Distinguish between Hacking & Cracking.	08	L4	2
	c)	Explain Software Piracy and intellectual properties in detail.	08	L2	2
Q.4		**Attempt any two from the following**			
	a)	Illustrate IP tracking along with E-mail investigation.	08	L2	2
	b)	Explain encryption and decryption process along with its types.	08	L2	2
	c)	Explain Cyber crime investigation with its tools.	08	L2	2
Q.5		**Attempt any Two of the following**			
	a)	Explain audio and video analysis in digital forensics.	09	L5	3
	b)	Make use of examples to outline digital forensic along with its types.	09	L3	3
	c)	Explain windows system forensics with tools.	09	L4	3
Q.6		**Attempt any Two of the following**			
	a)	Identify the significance of Indian evidence ACT IPC and CrPC.	09	L2	1
	b)	Elaborate phase of evidence handling procedure in detail.	09	L6	1
	c)	Illustrate cyber laws and its types.	09	L2	1

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