Code No: **R204105D** **R20** **Set No. 1**

IV B.Tech I Semester Regular Examinations, January – 2024
CYBER SECURITY & FORENSICS
(Common to Computer Science & Engineering and Information Technology)

Time: 3 hours   **Max. Marks: 70**

Answer any FIVE Questions
ONE Question from Each unit
All Questions Carry Equal Marks
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UNIT - I
1	a)	What is Cyber Stalking? Explain various types of Stalkers with a case study.	[7]
	b)	What is Cyber Crime? List the types of cybercriminals.	[7]

(OR)

2	a)	Write various security challenges posed by mobile devices.	[7]
	b)	Explain the trends in mobile credit card frauds in wireless computing.	[7]

UNIT - II
3	a)	Explain Proxy Servers and Anonymizers.	[7]
	b)	Write different forms of attacks through which attackers target the computer systems.	[7]

(OR)

4	a)	List and explain types of Viruses.	[7]
	b)	Discuss various Malwares.	[7]

UNIT - III
5	a)	How does data encryption work? Explain in detail.	[7]
	b)	How is IP tracking done? Describe.	[7]

(OR)

6	a)	Explain different types of Encryptions.	[7]
	b)	Write short notes on Cyber Crime Investigation.	[7]

UNIT - IV
7	a)	List some options for decrypting drives encrypted with whole disk encryption.	[7]
	b)	How does Validating and Testing Forensics Software.	[7]

(OR)

8	a)	List and explain Linux Forensics Tools.	[7]
	b)	Describe exploring the role of E-mail in investigations.	[7]

UNIT - V
9	a)	What are the amendments in IT Act, 2000?	[7]
	b)	Write the characteristics of Cyber crime.	[7]

(OR)

10	a)	Explain about Digital Signatures and the Indian IT Act.	[7]
	b)	Give a brief note on Test of Obscenity and Pornography.	[7]

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