Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER VIII - EXAMINATION –WINTER-2022

Subject Code: 2688607   **Date: 22/12/2022**
Subject Name: Cyber Forensic
Time: 02:30 PM TO 05:00 PM   **Total Marks: 70**
Instructions:

    1. Attempt all questions.
    2. Make Suitable assumptions wherever necessary.
    3. Figures to the right indicate full marks.

Q.1	**(a)**	What is Attack? Explain Types of Attacks.	**07**
	(b)	Explain Denial-Of-Service, Trojan, Virus and Worms.	**07**
Q.2	**(a)**	Write a short note: VPN and Proxy Server.	**07**
	(b)	Explain Dark net and I2P Network.	**07**
		OR	
	(b)	Write a short note: Physical Security Threads.	**07**
Q.3	**(a)**	Difference Between Encryption and Cryptography.	**07**
	(b)	Explain Cryptographic Systems Trust Models.	**07**
		OR	
Q.3	**(a)**	Difference Between Digital Signatures and Electronic Signatures.	**07**
	(b)	Explain Encrypt DNS Traffic and Email Communication.	**07**
Q.4	**(a)**	Explain Network Forensics and Mobile Forensics.	**07**
	(b)	Explain Blocking and Non-Blocking Socket I/O.	**07**
		OR	
Q.4	**(a)**	Write a short note: Brute Force FTP.	**07**
	(b)	Explain Digital Forensics.	**07**

Q.5	**(a)**	Explain Following Terms:	**07**
		1) Viruses and Malicious Code	
		2) Internet Hacking and Cracking.	
		3) Mail Bombs.	
	(b)	Explain E-Mail Tracking and E-Mail Recovery.	**07**
		OR	
Q.5	**(a)**	Explain Following Terms:	**07**
		1) Unauthorized Access	
		2) Computer Intrusions	
		3) White collar Crimes	
	(b)	Write a short note: EDRM Model.	**07**

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