Seat No.: _____   Enrolment No._____

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

Subject Code: 2688607   **Date: 09/06/2022**
Subject Name: Cyber Forensic
Time: 10:30 AM to 01:00 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)** Explain the followings:	**07**
	1. Malware	
	2. Root kits	
	3. Juice Jacking	
	4. Adware and Spyware	
	5. Antivirus	
	6. Trojan	
	7. Anonymous Networks	
	(b) What is Social Engineering? Explain it in detail	**07**
Q.2	**(a)** Explain Types of Attacks	**07**
	(b) Explain virus, worms and Trojan Horses in detail	**07**
	OR	
	(b) Explain types of computer security risks.	**07**
Q.3	**(a)** 1. What is Digital forensics?	**03**
	2. Digital Signature	**04**
	(b) What is Tor Network? Explain I2P Network, Freenet and Darknet	**07**
	OR	
Q.3	**(a)** Explain Cloud storage security and IOT security	**07**
	(b) Explain Anonymous OS in detail	**07**
Q.4	**(a)** Give Difference Between Digital Signatures and Electronic Signatures	**07**
	(b) Explain Cryptographic Functions, Cryptographic Types.	**07**
	OR	
Q.4	**(a)** Explain VPN, Proxy Server in detail	**07**
	(b) Explain term :1. Network Forensics 2. Mobile Forensics	**07**
Q.5	**(a)** Explain Multitask Encryption Tools	**07**
	(b) Discuss Digital Forensic Advanced Tools	**07**
	OR	
Q.5	**(a)** Explain Hacking and Cracking in detail with example	**07**
	(b) Discuss Cyber Crime Investigation Tools	**07**

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