GUJARAT TECHNOLOGICAL UNIVERSITY
BE- SEMESTER–VII (NEW) EXAMINATION – WINTER 2024

Subject Code:3174502   **Date:22-11-2024**
Subject Name: Cyber Crime and Mitigation
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.**
4. **Simple and non-programmable scientific calculators are allowed.**

			MARKS
Q.1	(a)	What do you mean by cyber crime?	03
	(b)	Explain different types of hackers.	04
	(c)	Write a short note on social engineering used for cyber crime.	07
Q.2	(a)	Explain cyber crime against women and children. Give suggestion to overcome these crime.	03
	(b)	Explain the use of 1930 number in INIDA with respect to cyber crime reporting.	04
	(c)	Write a short note on the IT Act 2000 with its amendments.	07
		OR	
	(c)	Explain phishing attack with an example.	07
Q.3	(a)	What do you mean by Hashtag in social media?	03
	(b)	What do you mean by social media network. Explain the different types of social media.	04
	(c)	Explain social media monitoring in detail.	07
		OR	
Q.3	(a)	Why is e-commerce security important?	03
	(b)	Explain security issues related to the social media.	04
	(c)	What do you mean by cyber criminals? Explain the different categories of cyber criminals.	07
Q.4	(a)	Define the payment service- Unified Payment Interface (UPI).	03
	(b)	Explain some cyber security best practices at organization.	04
	(c)	Explain digital payments related common frauds and preventive measures.	07
		OR	
Q.4	(a)	What do you mean by data backup?	03
	(b)	Explain different e-commerce threats to company and consumers.	04
	(c)	How password policy plays important role to be safe in cyber world.?	07
Q.5	(a)	Define mobile phone security.	03
	(b)	Write a short note on wi-fi security.	04
	(c)	Write a short note on Personal Data Protection Bill,2023 and its compliance.	07
		OR	
Q.5	(a)	Explain zero-day attack with an example.	03
	(b)	Define data, meta data and big data.	04
	(c)	Discuss big data security issues and challenges.	07

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