

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2022****Subject Code:3163213****Date:06/06/2022****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 phishing?	03
	(b) Explain Crime against Individuals and Society.	04
	(c) Explain Computer Network Intrusion.	07
Q.2	(a) Explain the Cyber Crime and Indian ITA 2000/2001.	03
	(b) How does identity theft happen?	04
	(c) Explain Cryptojacking in brief.	07
	OR	
	(c) Explain Ip-Table in brief.	07
Q.3	(a) What do you mean by Netizen	03
	(b) Discuss advantages and disadvantages of Firewall.	04
	(c) Explain Network based Firewall.	07
	OR	
Q.3	(a) How modern firewalls analyze network?	03
	(b) Explain flow and working of nftable.	04
	(c) Explain Security System Goals.	07
Q.4	(a) How can wireless networks be protected against compromise?	03
	(b) What do you mean by Security vulnerabilities? List them.	04
	(c) Explain program threats and system threats in brief.	07
	OR	
Q.4	(a) What is Penetration Testing?	03
	(b) What do you mean by Hardware Firewalls?	04
	(c) Explain type of network attack.	07
Q.5	(a) What do you mean by cyber criminals?	03
	(b) Difference between Network Attacks and Other Attacks	04
	(c) What is WIFI? Discuss advantages and disadvantages of WIFI.	07
	OR	
Q.5	(a) How to Isolate a Network?	03
	(b) What do you mean by Network Isolation? Why there is need of that?	04
	(c) List and Explain Authentication methods in brief.	07
