

PARUL UNIVERSITY  
 FACULTY OF ENGINEERING & TECHNOLOGY  
 B.TECH MIDSEM EXAMINATION  
 5<sup>th</sup> SEMESTER  
 ACY-2022-23 (ODD SEM)

Subject Name Cyber Security (203105346)

Branch: Ee

Time: 1 Hr. 30Mins

Total Marks: 40

Sr. No.		Marks
Q.1	(A) 1. Aircrack-ng is used for 2. _____ is a password recovery and auditing tool 3. Port number of SMTP is: 4. TCP is a connection less protocol YES/NO? 5. EDR stands for _____ <sup>1)</sup> (a) Endless detection and response (b) Endpoint detection and response (c) Endless detection and recovery (d) Endpoint detection and recovery	05
	(B) 1. What is circuit switching and packet switching? 2. What is Nmap? 3. Which is port scanning. 4. What is signature based IDS. 5. What is IPS?	05
Q.2	Attempt any four (Short Questions) (1) What is Packet filter Firewall? (2) What is Trojan horse? (3) Explain Information system. (4) What is vulnerability scanning? (5) Explain Information and data.	12
Q.3	Attempt any two (1) What is SQL injection and SSL session. (2) Explain the threats to Information Systems. (3) Explain Application level gateway and circuit level gateway.	08
QA	(A) What is open vas? (B) Explain port scanning and banner grabbing.	05 05
	OR	
	(B) Write short note on TCP and UDP	05