PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
B.Tech Mid Semester Exam

Semester: 6
Subject Code: (203105326)
Subject Name: (Cybersecurity)

Date: 29/01/2024
Time: (1hr: 30min)
Total Marks: 40

Sr. No.		Marks
Q.1	(A) Five One line Questions	
	1. What do you understand by Information Security.	05
	2. Define Information Assurance.	
	3. Which tool is associated with Network Sniffing?	
	4. Why open port/service identification is essential for Vulnerability Scanning?	
	5. Which tool is known as 'Swiss army knife of hacking' ?	
	(B) Five Fill in the blanks	
	1. The purpose of a _____ in vulnerability scanning is to identify the software and its version running on a system.	05
	2. _____ is the port number for SSH (Secure Shell).	
	3. _____ is the port number for Telnet.	
	4. Dynamic ports are also known as _____ .	
	5. A socket is the combination of _____ + port .	
Q.2	Attempt any four(Short Questions)	
	(1) Differentiate Cyber security and Information Security.	12
	(2) Elaborate management Information System (MIS).	
	(3) Explain the terms Threat, Risk and Vulnerability.	
	(4) Give a brief about XSS.	
	(5) Enlist the types of Firewall.	
Q.3	Attempt any two questions	
	(1) What is information system? Explain the components of Information System.	08
	(2) Elaborate the tool Ettercap. What are the features of Ettercap.	
	(3) Differentiate vulnerability scanning and penetration testing.	
Q.4	(A) What is Network Reconnaissance? Elaborate the tool used for Network Reconnaissance.	05
	(B) Explain in Detail development of Information system.	05
	OR	
	(C) Elaborate Risk Control Cycle.	05