

C. K. Pithawalla College of Engineering and Technology
B.E – III (Semester: 5)
Computer Engineering (2017)
Subject Name : Cyber Security(Institute Elective)

INDEX

Subject Code : 2150002

Enrollment No.

Sr No .	Date		Sign
1		Describe following	
		a)What is Network? Types of network. b)Explain network topology. c)Define following terms: d)1. Internet 2.ISP 3. Protocol 4. Broadband 4.Firewall 5. Virus 6.Worm e)What is IP Addressing and subnetting? Discuss classful and classless IP addressing. f)Explain UDP and TCP and differentiate between them.	
2		Study Unix Operating System. (working, Commands, etc.)	
3		TCP scanning using NMAP	
4		Port scanning using NMAP	
5		TCP / UDP connectivity using Netcat	
6		Web application testing using DVWA	
7		Manual SQL injection using DVWA	
8		XSS using DVWA	
9		Automated SQL injection with SqlMap	