Sardar patel college of engineering

Faculty Name : prof.Keyur Patel　　　　　　　Department : Information Technology
Subject Name :Cyber Security　　　　　　　　Subject code :(3150714)

Assignment :01

SR.NO	Questions
1.	What is vulnerability scanning and Type of vulnerability scanning ?.
2.	Discuss about the taffic probe in details?
3.	Write a short note on (A) Metaspolite. 　　　　(B) Openvas. 　　　　(C) SOCAT. 　　　　(D) Datapipe 　　　　(E) Fpipe. 　　　　(F) Winrelay.
4.	What is network reconnaissance ? and Discuss about Nmap?
5.	What is network vulnerability scanning and discuss about service tools ? .(Datapipe,Fpipe and Winrelay)
6.	Discuss about Netcat and Socat ?
7.	What is network sniffing what is it used for?. Advantage and disadvantages of network sniffing ?
8.	What is packet sniffing ?
9.	How does sniffer works?
10.	How can we detect the sniffer?
11.	Discuss packet sniffing mitigation?
12.	Write a short note on 　　(A)　wireshark 　　(B)　 hping 　　(C)　KISMET 　　(D)　Tcpdup &windump
13.	Discuss sql injection in detail
14.	Describe open port /service identification in detail ?
15.	Describe banner/version check in detail ?

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Assignment :02

SR.NO	Questions
1.	What is firewall ? explain its types in detail ?
2.	Discuss network address Translation (NAT) in detail ?
3.	What is port forwarding explain in detail?
4.	Discuss Intrusion Detection System in detail?
5.	Explain packet characteristic to filter ?
6.	Difference between firewall and packet filter?
7.	Explain stateless vs stateful firewall in detail?