Sardar Patel Institute of Technology
Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India
(Autonomous College Affiliated to University of Mumbai)

Mid Semester Examination
March 2024

Course Name: Ethical Hacking
Class: BE/TE
Branch: CS/CSE
Date- 6th March 2024

Course Code: 1T321
Max. Marks: 30
Semester: VI/VIII
Time - 11.30-12.30pm

Instruction:
(1) All questions are compulsory
(2) Draw neat and labelled diagrams wherever necessary
(3) Assume suitable data if necessary

QNo	Question	Marks	CO
1)	Differentiate the overt channels and covert channels.	3	2
	Specify the different ways to implement covert channels along with the conditions for successful covert channels implementation.	2	
	Justify the working of TCP covert channels with the help of a suitable diagram.	5	
2)	List and justify the different elements of the security or security goals with the help of suitable examples. OR Identify the vulnerability , threat and attacks for the library management system.	10	1
3)	Specify the ways of storing the password in windows and linux based operating systems.	2	2
	List and explain the different ways to attack the password.	6	
	Show the use of passphrase to generate the password.	2	

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