

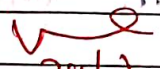
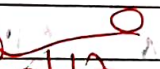
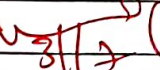



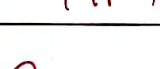


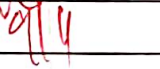

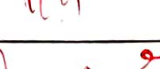
INDEX

Harish Rayavendar.S.

220701087

Computer
Network Observation

NAME: _____ STD.: _____ SEC.: _____ ROLL NO.: _____ SUB.: _____

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| 1. | 13/7/2024 | Basic Networking Commands. | 1-8 |  24/7/24 |
| 2. | 24/7/2024 | Study of different types of network cables. | 9-12 |  2/12/24 |
| 3. | 31/7/2024 | Study of Packet Tracer tool & its user interface | 13-14 |  3/12/24 |
| 4. | 05/8/2024 | Setup and configuration of LAN network using cable (100m). | 15-17 |  7/8/24 |
| 5. | 05/8/2024 | Packet tracer tool: Wireshark | 18 |  7/8/24 |
| 6. | 21.8.2024 | Implement error detection and correction using Hamming code, Code Comp | 19-24 |  21/9/24 |
| 7. | 02.09.2024 | Sliding Window Protocol. | 25-28 |  18/9/24 |
| 8a. | 9.10.2024 | Virtual LAN | |  9/11/24 |
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| 9. | 18.10.2024 | Subnetting in Cisco Packet Tracer | |  9/11/24 |
| 10. | 30.10.2024 | Internetworking with router in Cisco | |  9/11/24 |
| 11. | 2.11.2024 | Simulate static Routing. | |  9/11/24 |

Exp No: 10
Date: _____
Internetworking with
routers in Cisco.

Aim:

- a) Internetworking with routers in Cisco packet tracer simulator.
- b). Design & configure an internetwork using wireless routers DHCP server & Internet cloud.

Student Observation:

- 1). Write down key features of configuring wireless routers and DHCP servers.

- Access the Router's Configuration Page
- Enter admin username & password
- Set basic wireless settings.
- Enable DHCP server.
- Configure DNS server
- MAC address filtering allow devices by MAC address.

- 2). Significance of DHCP server in internetworking.
 - * Automated IP address allocation.
 - * No duplicate IP address.
 - * supports large scale networks.
 - * provides a centralized point for managing IP address.

3). Design and configure inter network using
switch rather cables. Also show IP address
config of each device.