Ex: No: 10	Internetwork using DHCP
Date: 16/10/24	Server.

Aim:

Design & configure on internetwork using DHCP Server.

Student observation:

1) write down the key features of configuring router & DHCP Server.

a) Router configuration on:

→ Enabling DHCP server to automatically assign IP address to devices.

→ Provinding connection to the devices.

b) DHCP Server configuration:

→ Automatic IP address assignment for device joining the network.

→ setting up pool ranges of DHCP Server in interinect address.

2) what is the significance of DHCP server in internet working.

. A dynamic host configuration protocol server
simplifies ip address.
. Automated ip address allocation
. No duplicate ip address.
. supports large scale networks
. provides a centralized

3) Design & configure inter networking using switch router, cables Also show ip address config of each device.

Result:

Thus. the given experiment is executed & the output is verified.

9/4/24