

Ex. NO: 5

5/8/24

## Practical 5

Aim:

Experiments on packet capture tool: Wireshark

Student's observation:

- 1) Promiscuous mode is a network interface card (NIC) setting that allows card to intercept & read all network packets on network segment
- 2) NO, ARP packets do not have transport layer header.
- 3) DNS (domain name system) primarily uses UDP for its transport layer protocol.
- 4) HTTP protocol uses port number 80 by default
- 5) It is a broadcast IP address which is used to send packets to all devices on a specific network segment.

Result:

Thus the experiments on packet capture tool Wireshark is studied & observed.