Mittal
18CS075
B2

Experiment - 1

Step 1 :- A network was connected with PC and a hub in the network. Then simple PDU was simulated in the network. A message was transferred from PC to hub in layer 1, and then from hub to PC₂. In further state, will Deencapsulate and transfer the message which is finally encapsulated.

Step 2 :- Upto now, message has gone from PC-0 to hub to PC-1 and then from it go PC-1 it goes to hub i.e message is transferred.

Step 3 :- The message is finally transferred from hub to PC-1 i.e deencapsulated.

Step 4 :- Now after all this steps are over, similarly with 2 PC's and a switch it has been added to the network, gateway and IP address are configured for the PC's. Once again a PDU was simulated. Msg is transferred b/w PC-1 & hub.

- msg from hub is sent to PC-1 and switch and message is rejected at switch; msg from PC-1 to hub is sent.

* Msg is sent from hub to PC-0 to switch and message is rejected at switch