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Roll no :- 2001027   Sub name & Code:- Computer
                                          Network

1.) Problem Statement :- There is an organisation A with multiple department. Design a n/w for HR dep & size of dep is 10. show communication b/w user1 & user5

Objective : – To understant how different PC/ computer are connected & how they communicate

Description :-

1.) create 10 different pc

2) create 1 switch

3) establish the connection between pc and switch using Ethernet

4) provide ip address to each pc

5) ping pc1 to p5

   ping 192.168.1.8

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

PC5

Physical   Config   Desktop   Programming   Attributes

IP Configuration

Interface   FastEthernet0

IP Configuration

○ DHCP   ● Static

IP Address   192.168.1.8

Subnet Mask   255.255.255.0

Default Gateway   0.0.0.0

DNS Server   0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address   /

Link Local Address   FE80::206:2AFF:FE22:5612

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

PC-PT
PC0

PC-PT
PC1

PC-PT
PC2

Time: 00:16:11

Copper Straight-Through

Realtime   Simulation

09:51
22-06-2021