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(1)

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University Roll no. -

Course - MCA Section - (A) Sem - 2nd

Computer - Networks - Tr16 (203)

Problem Statement :- There is an organization A with multiple dep.
Design a network for the HR department and

Objective :- the size of department is 10 users.

Also, show the communication b/w
user number 1 and user number 5
of the network.

Objective :- To understand LAN Networking

Description :- Step 1 :- Drag and drop 10 PCs

Step 2 :- Drag 1 switch

Step 3 :- Connect all PCs with
1 switch with help of Ethernet
wireless.

Step 4 :- Give all PCs IP addresses.

Step 5 :- Use ping command in command
prompt to check the connection.

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 1328, y 431

[Root] 03:48:00

hr department of A

user1 PC-PT PC0

user2 PC-PT PC1

user3 PC-PT PC2

user4 PC-PT PC3

user5 PC-PT PC4

user6 PC-PT PC5

user7 PC-PT PC6

user8 PC-PT PC7

user9 PC-PT PC8

PC-PT PC9

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
<input checked="" type="checkbox"/>	0.000	-	PC0

Reset Simulation ☒ Constant Delay Captured to: 0.000 s

Play Controls

Event List Filters - Visible Events

ACL, Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:07:22.747 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
<input checked="" type="checkbox"/>	In Progress	PC0	PC4	ICMP	Green	0.000	N	0	(edit)	(delete)



Logical Physical 1064, p 361

