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Course - MCA

Section - A

University roll no - 2001121

Subject name - Computer Networks

Subject code - TMC-203

MID TERM PRACTICAL

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Problem Statement:- There is an organization A with multiple department is 10 users. Also, show the communication between user number 1 and user number 5 of the network.

Objective:- To create a LAN using switch as a connector.

Description:-

Switch:- A network switch is networking hardware that connects devices on a computer network, by using packet switching to receive and forward data to the destination device.

LAN:- A Local Area Network is a computer network that interconnects computers within a limited area such as a residence, school, laboratory, etc.

Ravina

Steps for designing a Network

- Step 1:- Create a design of 10 PCs connecting to a switch in packet tracer.
- Step 2:- Assign IP to the each PC, through configuration.
- Step 3:- Go to PC0 and open command prompt.
- Step 4:- Type command ipconfig to know the IP of current PC (system).
- Step 5:- Now, check the connection of PC0 to PC4 using PING command. Type Ping command with IP address of PC4
- Step 6:- Now, check the connection of PC4 to PC0 using PING command.