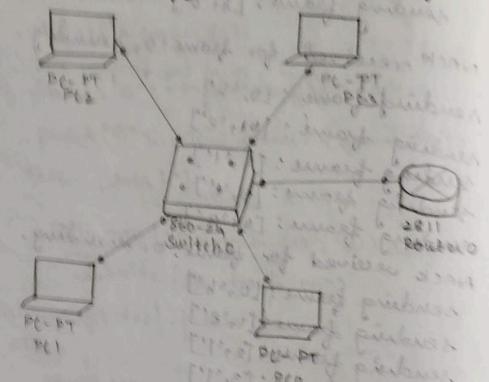
## Vistual IAN configuration

AIM!

Circo Parket Traces Simulation.

racket Traces - Configure Vione and Trunking -



## REFLECTION GUESTIONS:

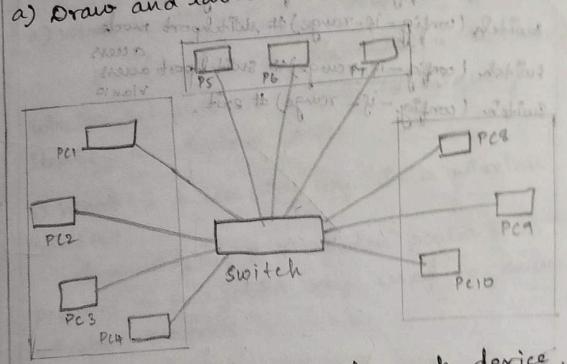
What is needed to allow hosts on VEAN 10 to communicate to hosts on VEAN 77?

You need a layers device ( router or layer a switch) to enable into-view acuting, and configure view interfaces with sp addunces for both views. Insure that Aces allow draffic beatween the views and what hosts are set with the appropriate default gateways.

2) What are some primary benefits that an organisation can receive through effective use of VLANS?

Effetire use of VLANS improves network segmentation, enhancing security and reducing broadcast traffic. Student O Deservation: - 1- Carl

## a) Draw and label the VLAN for Qb)



## b) show the ip configuration for each device.

) show the	ip configuration	Subnet Mark	Default Catema
Device	IP Address 192.168.20.2	255. 255.255.0	192.168.26.1
PC1 PC2 PC3	192.168.20.4	255.255.256.0	192.168.20.1 192.168.20.1
PC4 PC5 PC6	192.168.20.5 192.168.20.6 192.168.20.7	255.255.255.0 255.255.255.0 255.255.255.0	192.168.20
PC7 PC8	192.168.20.8	255.255.255.0	192.168.20
p cq pc 10	192.168.20.10	250-255-255.0	

c) White the commands used for VLAN configuration in switch.

switch + configur terminal

Switch (config - oral m) # range Robotics. Switch (config - oral m) # range Robotics. Switch (config - Vlan) # exit

Switch (config ) # interface range if 0/1-10 switch (config - if-range) # switchport mode access switch (config - if-range) # switchport access vian 10 switch (config - if-range) # exit.

b) strain the 1p configuration for early device

Result :

Thus, the simulation of virtual varver configuration using cisco parket Traver has been performed and the joutput is verified.

11-02-801.20-11