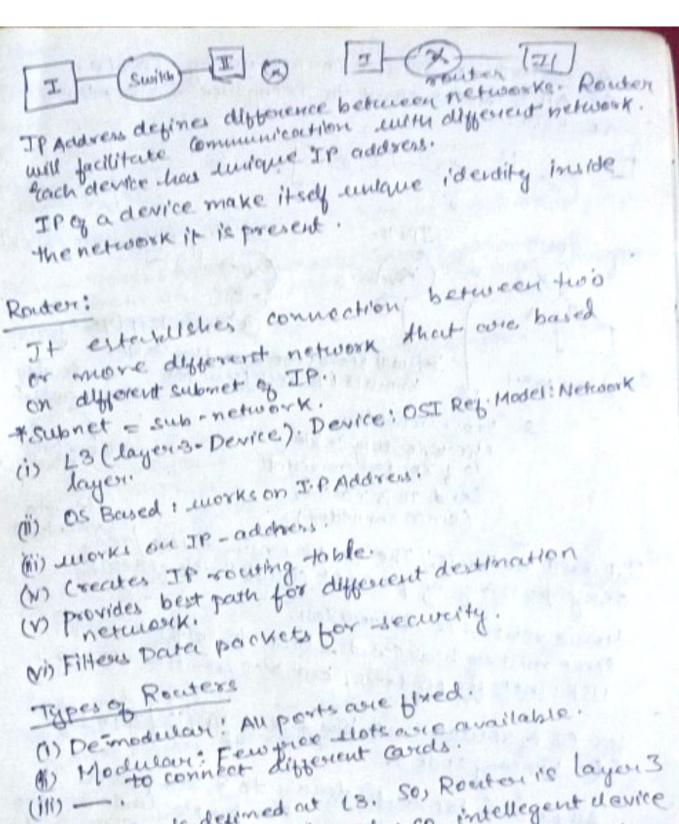
23.10-24 Hub: Meany collission and Traffic and Broad court Networking: To reduce it we brought bridge (smoot Device: manage Side and port to machine address in Touble). we madeswitch that had beatwes of briges and no. g ports were increased. tub: L1. Bridge / switch: L2 fibersmitch had fiber cable. Router: L3. Switch Manageable! Un Mouncigeable · configure ports. · bost procking. · port combining to increase speed Grouping of Devices on bours of ports of Switch. [logical division ly Configuration is touted Vian ]. · Allow single network communication. Not allow communication with other Network. Network (different): IPBased. We need router to communicate with other network on basis of IP (unique id to all network devices). IP makes different networks 11.0.0.0.1. 10-0-0-0-1 10.0.0.0.2. 118-0.0.0.5 to & 11 reperesent 2 different 10-0-0-0-11. refevork.



Ip Address is defined at 18. So, Router is layer 3 device. Router is or based , so intellegent device that works on the bours of Ip address. It will on basis of IP, it finds different networks, it will

connect them. JSwitch

roider 2

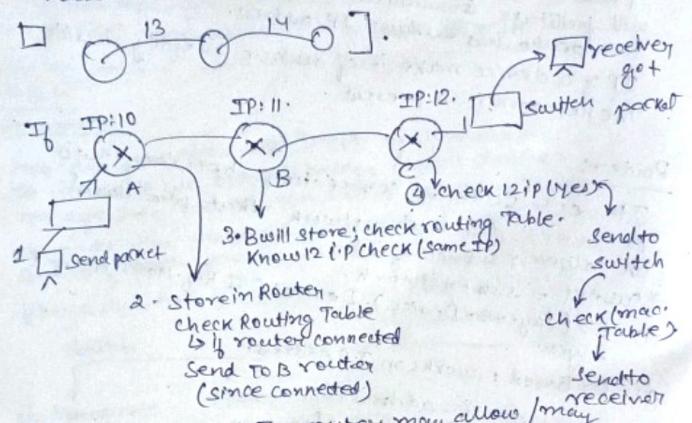
Touter 3.

11-0-0-0router 1

2.000e-

Network 10-0-0-0.

A > B > C is several connection by cable. So All 3 Coubles stood to recognise each other routers.



I. Purill behasis, The router may allow / may deny passing of packet could the filtering,

Some router how could slots to configer, USb: not for pendrive; but also for, networking

for as a router is a bin file of 4/12/84mb.

All powers brokend down to 7 sub process

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prefer to call as layers. For proper underestending

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implementation, we have made a logical.

sequence.