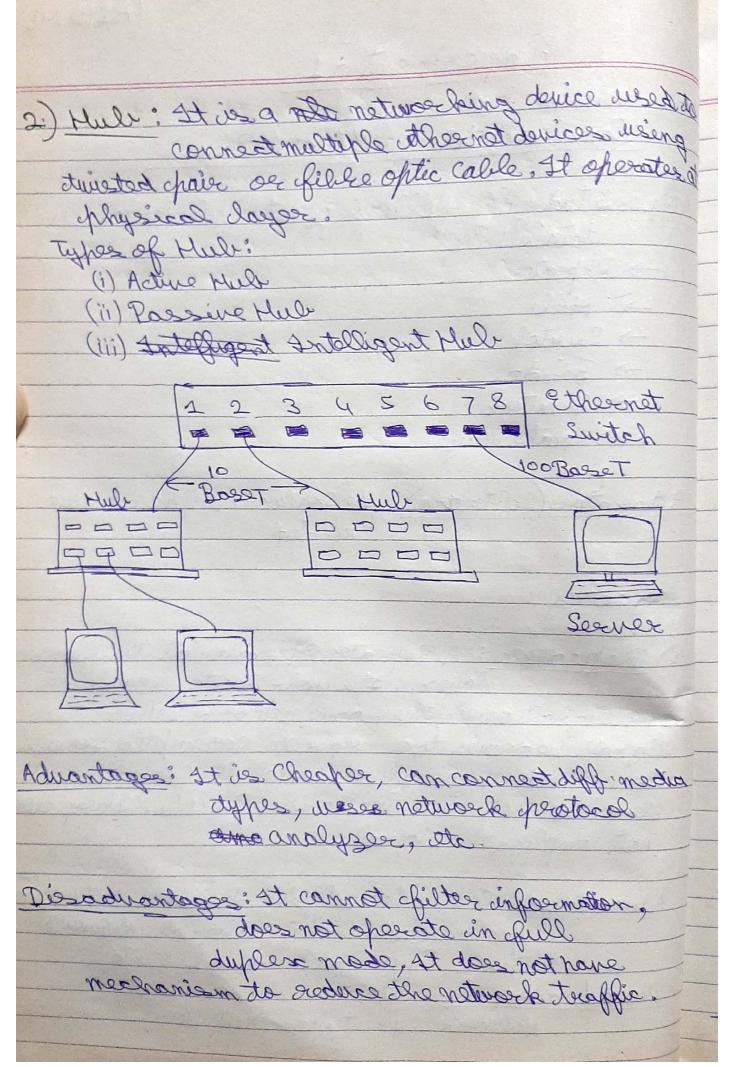
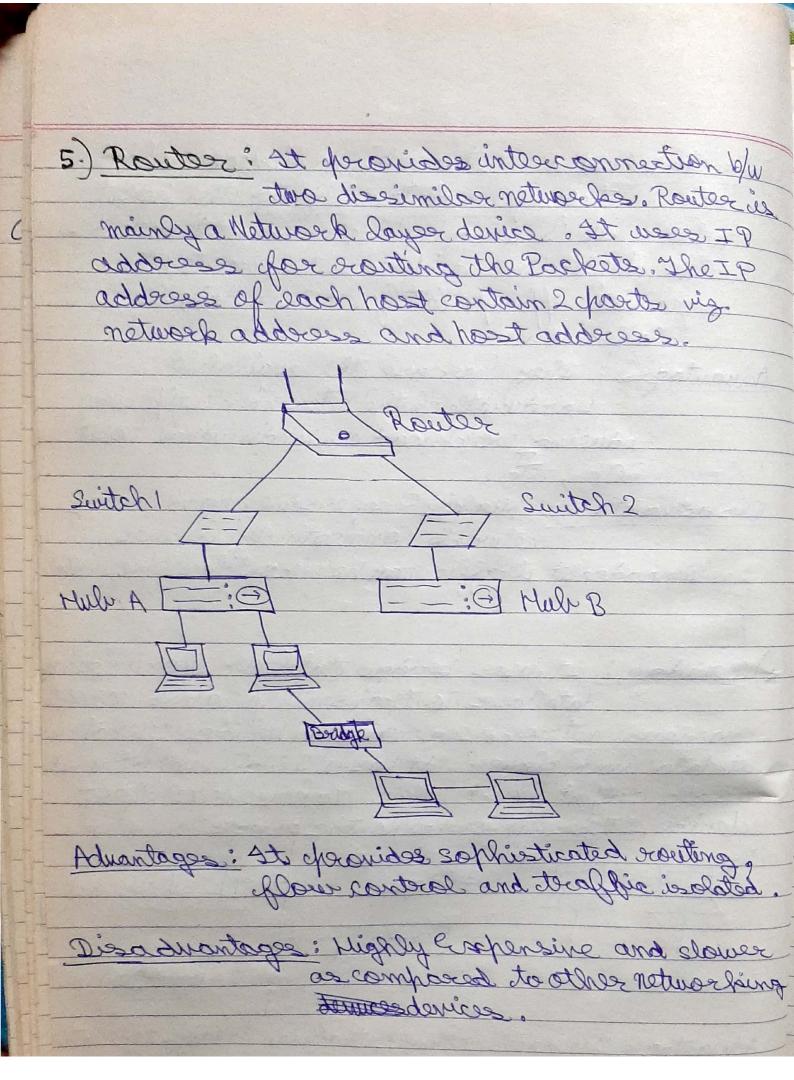
Roham Nyati 500075940 (148) Batch-c
(AIBML)
6-1
1-transcerpes
The second secon
Eamiliarization of Network Devices
Aim: Study of ofollowing network deriver in
detail?
-> Repeater
-> Mul
-> Switch
-> Boudge.
-> Raites
-> Crate way
All + (0 Ot to): Massattus and less langue
Apparatus (Software): No Software or hardware needed
needed
Theory:
2) Repeater: A Repeater operates at the Physical
stayon do el 190/2 sole. seguel
ent weater abouter emas ent sevo langis ent
come becomes too weak or corrupted so as
so was sangue with disher at whethe sugras can as
ab yeart". Avanter smar anti-sour bettermenart
not amplifyathe signal.
Advantages: Cost (rolatively inexpensive), Network
performance, Enhance Signal, Network
Soland Phillips Barelles , and
Die Aduritares : Rotaiction in no. of reflecteres
Disadvantages: Restriction en no. of repeatere, Network segmentation not possible, etc.



3.) Switch: It is returneding device which tean ent of july atab evergenant where it is being addressed to the party the destination address to route the chacket appropriately sties a data link Iduations est seasons yest : expatrioust ni Alan , scouter alt fo athinbrad reducing worksand on individual host Disadvantage: Nighly Eropersive, have many network Connectivity issues, Broodcast traffic may be travele some, etc. Enipousaf sallat appied seem to : appired (i) Esseras esmas of time norts at escalatab various notwork segments. A bridge operator at data Sink dayse. It has a Single conjust and single output post, thus making it a 2 post derice 2 Types: (1) Source Rosting Beridges

(ii) Veansparent

Bridges Bridge | Advantages: Radures network tocaffic, creates seperate Collision domain and reduces collision. Disabliantages: 4+ does not filtre beoadrastes, clower and more repensive compared to represtures.



6.) exate way : His a chassage to connect two networks together that garisheauten traceffit name Arous from modèle. Naturays are also called Arotocal convertors and can operate at any notwork layer. I gateways are generally more complex than switch or route. Advantages: Botter Connectivity, higher Security, proprides Filter process and has botter boundwidth. Disadvantages: Courses Timo delay, its reattassurpiffered and Configuration secure tis, thuriffit sting to sis many connection frame. E tenrestat ? a Wol Sorrer 70000 raitale of saw ! gatemay