

Congestion →
Tenant

Internet is a network
of networks that
connects the whole world.

at switching
is

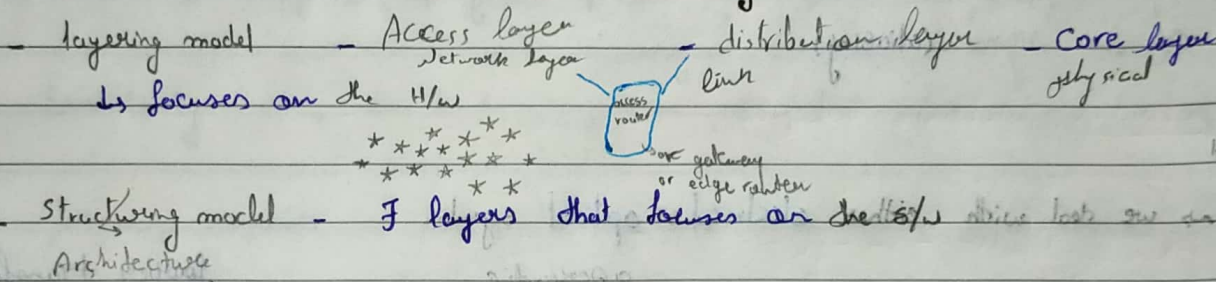
Bandwidth = Bit rate

Package switching saves up resource
but faces - queuing delay
- processing delay
- delay

Computer networks

A Computer network is a collection of computers or devices in general connected together through guided or unguided media.

* The 2 main models in network structuring



→ The computer nets may be classified according to

Transmission media wired or wireless

Scale personal, home, local area network (i.e. ethernet), Wide Area network, Metropolitan Area network

network architecture peer-to-peer, client to server
all the devices have the s/w of a server & of a client.

Network Topology
i.e. nodes interconnection

Return to slide 17 to revised the cables & HW types & their bit rates.

* The routing protocol or algorithms controls the routes of data externally & internally among the network