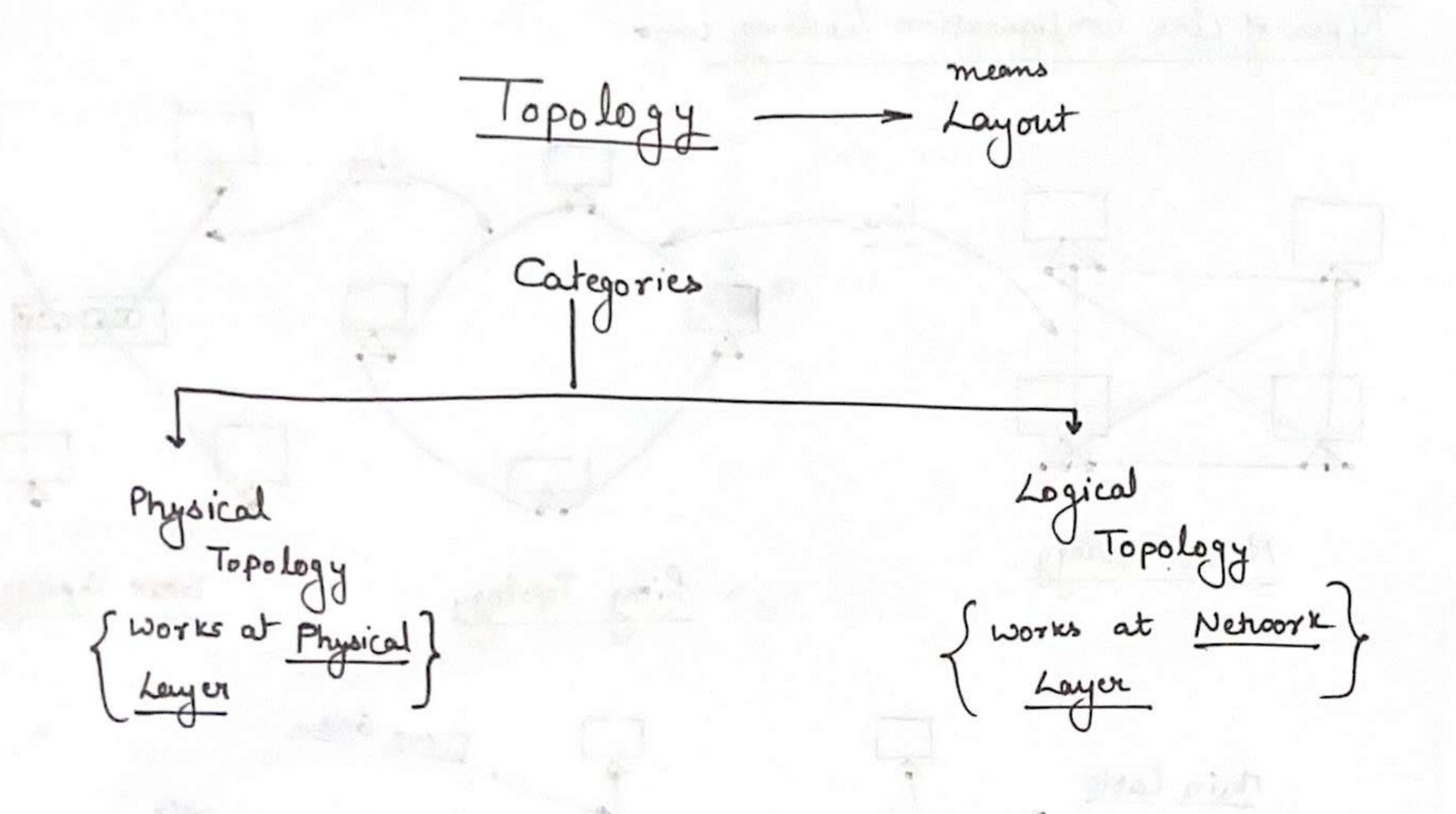
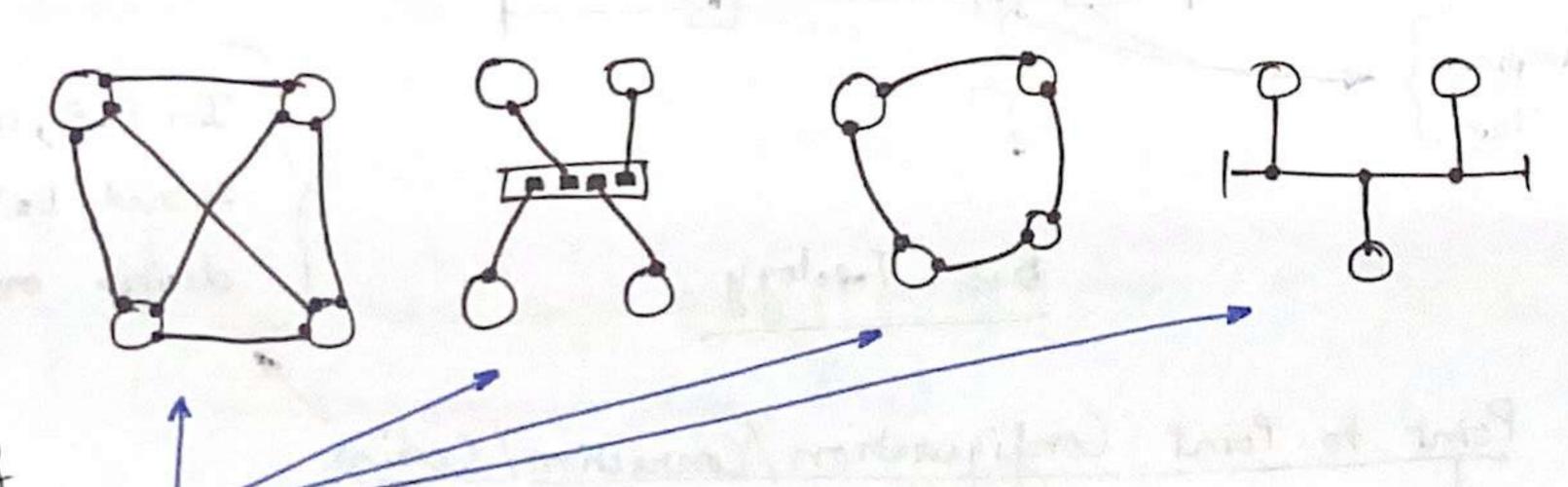


The in a network of a device is connected to all other devices in point to point manner than it is known as peer to peer connection example: Fully Mesh Network

- In Multipoint Coding, a link is showed between several devices.

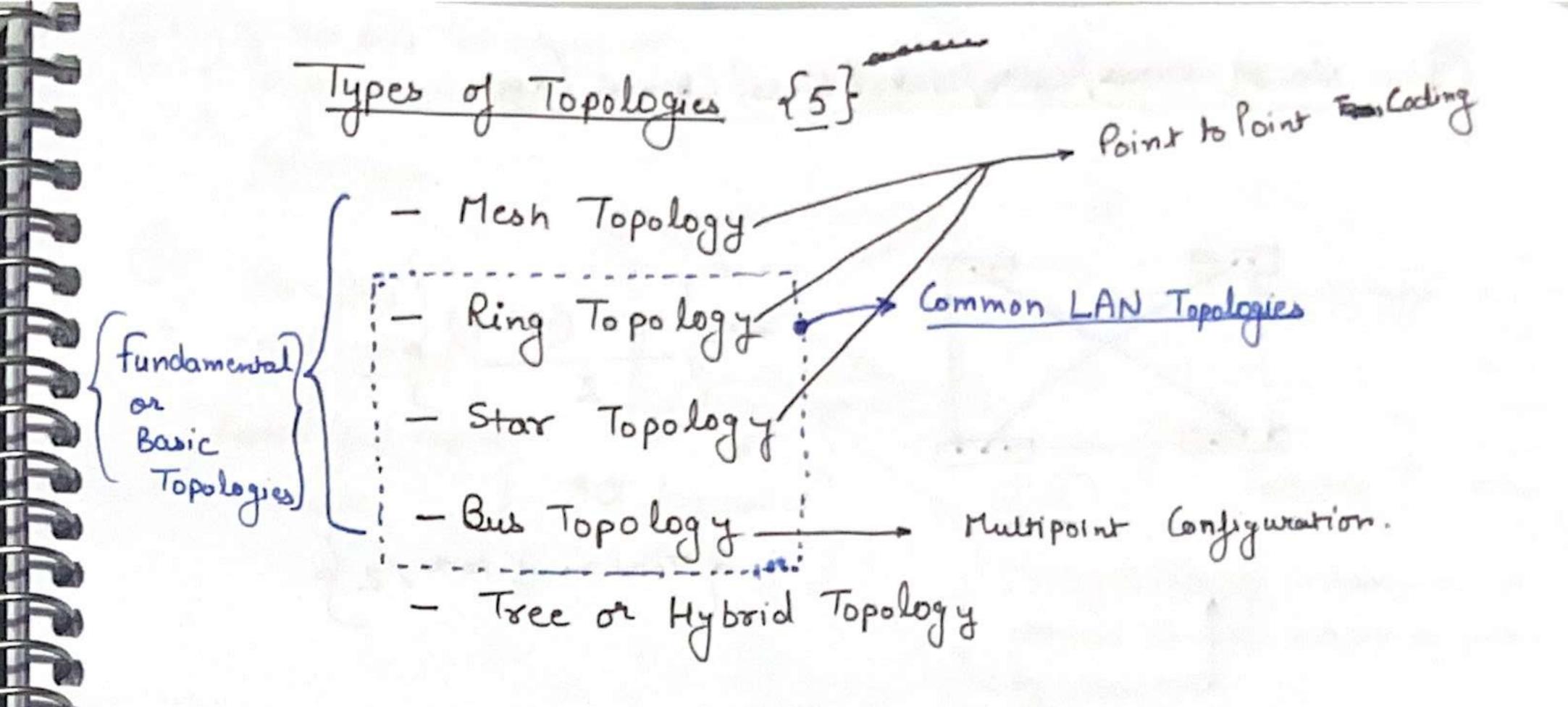


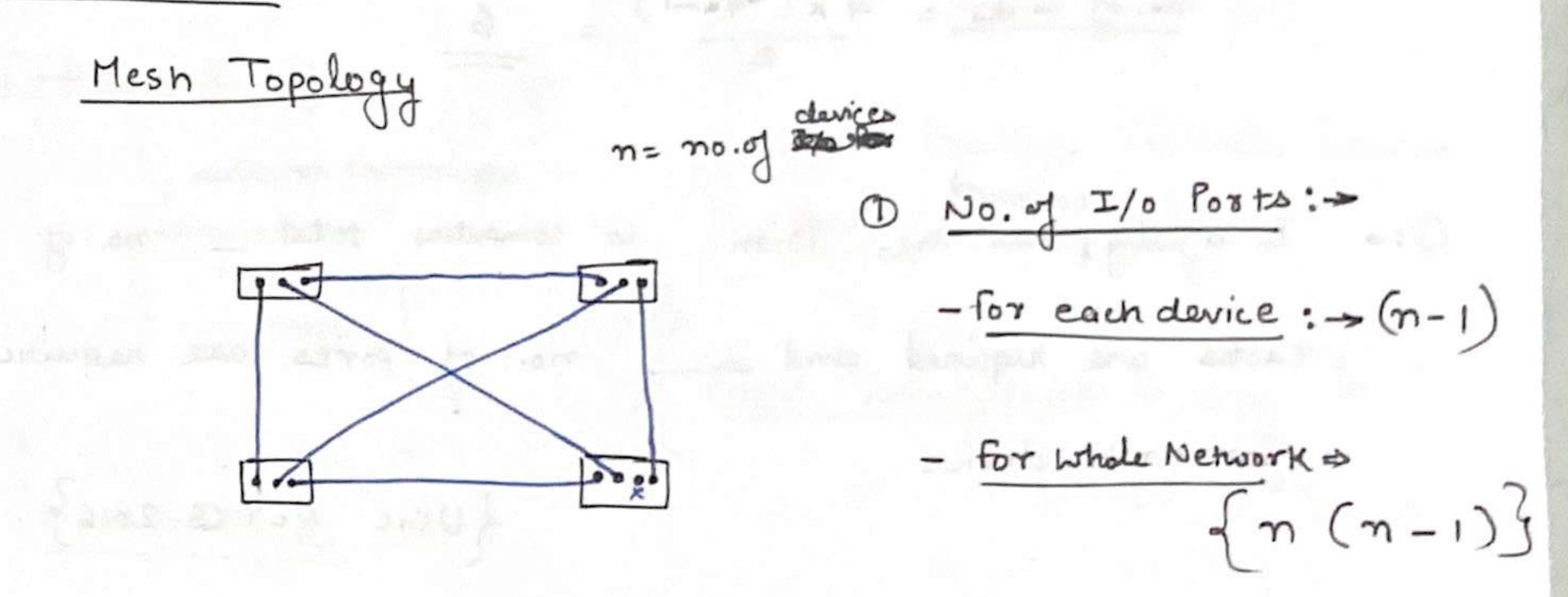


Ciraphical Representation of how devices are connected to each other is termed as Topology

Logical or Physical arrangement of network (computers) is }

termed as Topology





D=) ABC corporation of XYZ has a fully connected much network consisting of 99 devices. Calculate no. of ports of each device.

{RPSC Programmer 2013}

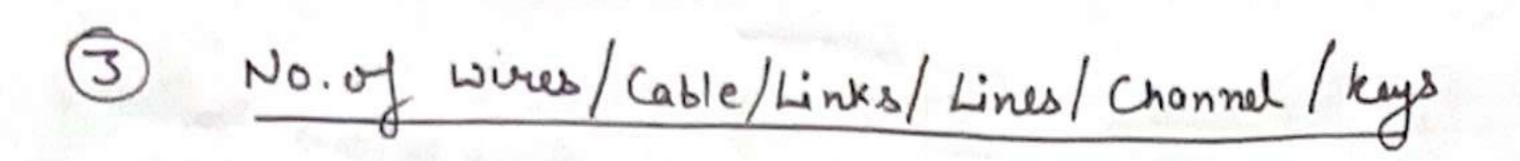
> n= 99

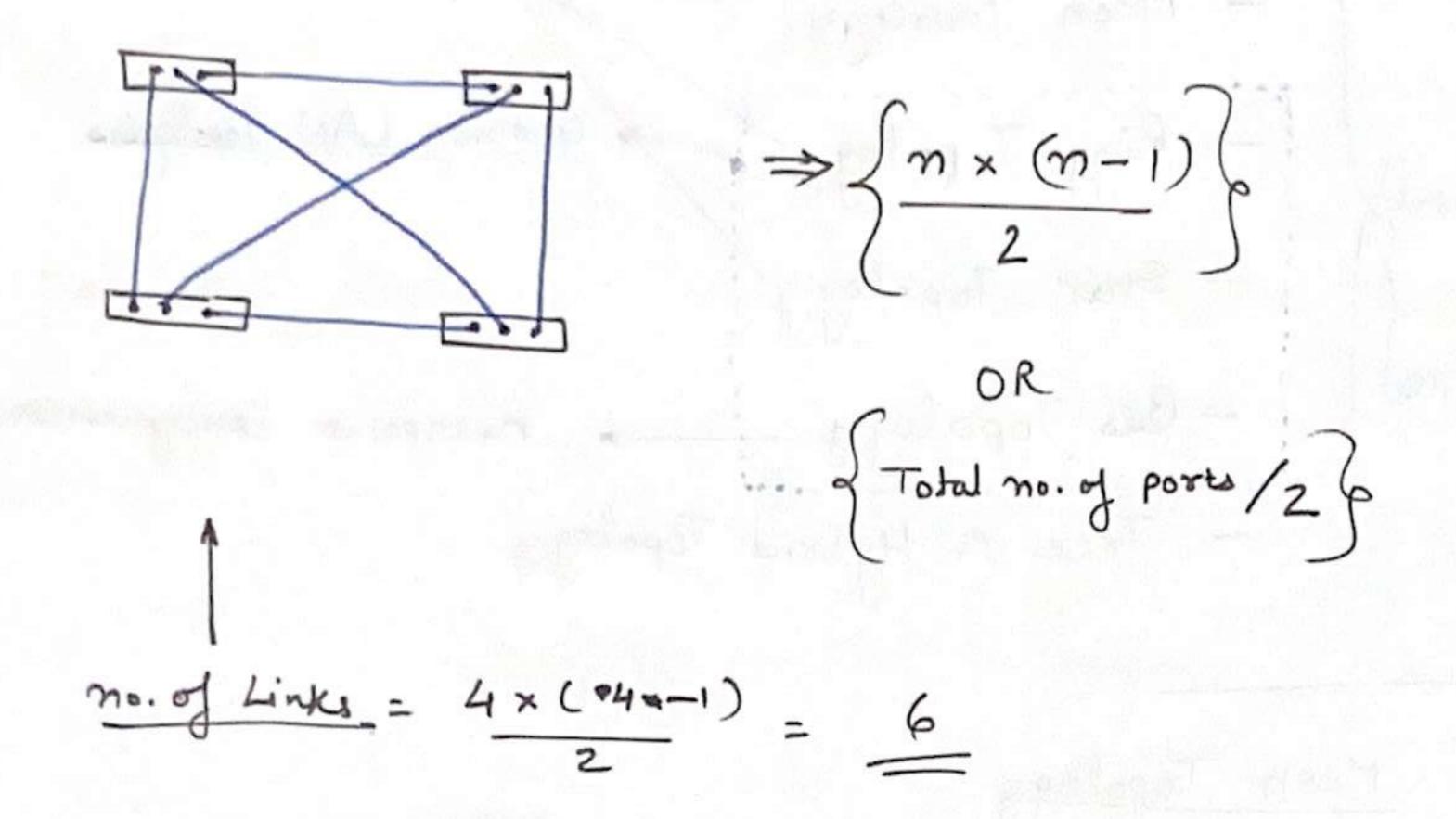
no. of ports on each device: > 98

Assume Six devices are arranged in a July connected mest topology

How many I/o ports must beach device have?

SBSPHEL JE Electrical 2019}





O: The a fully Thesh n/w with 10 computers total \_ no. of

Cables are required and \_ no. of ports are required

for each device

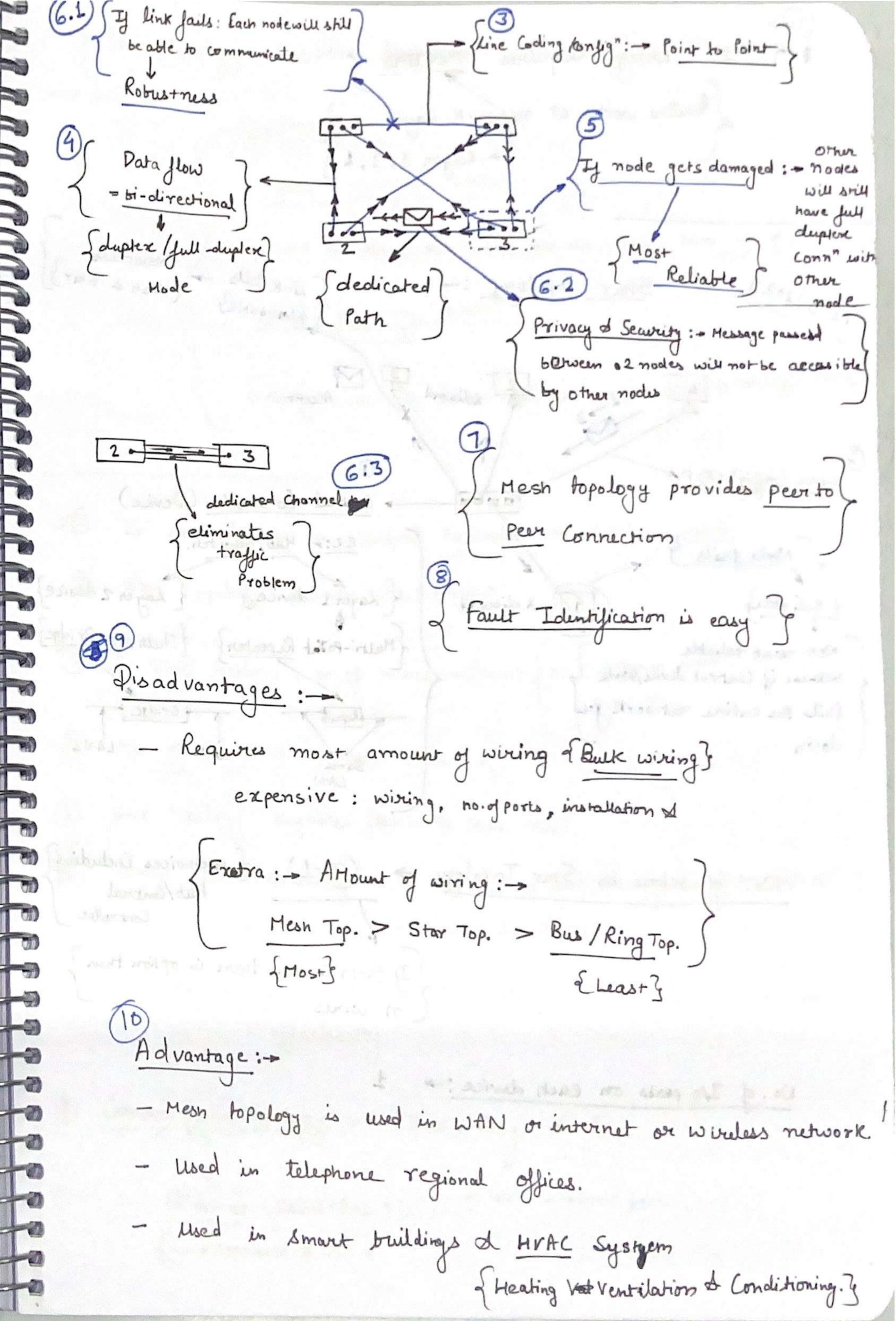
[UGIC NET CS 2016]

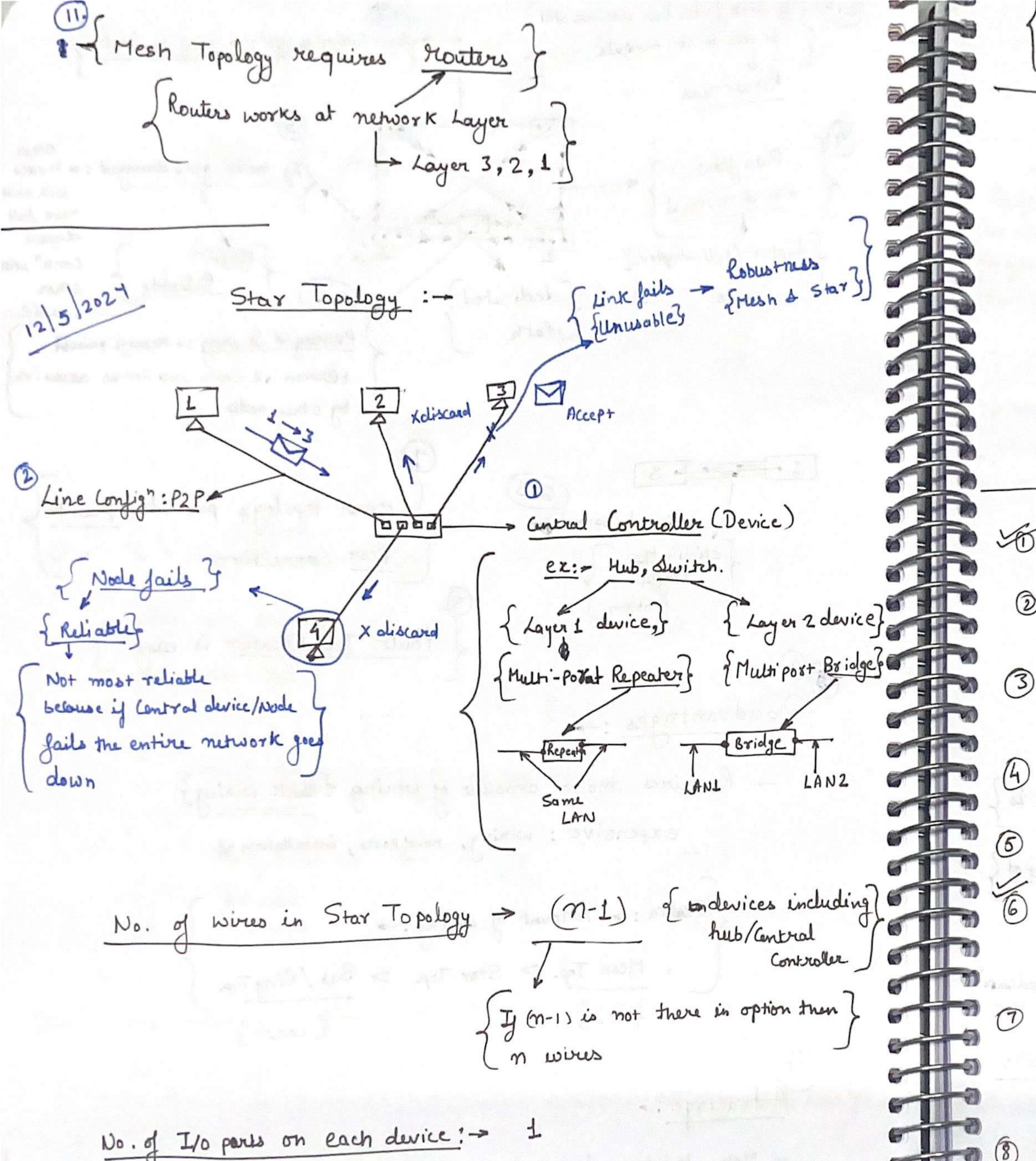
no. of deports =>  $\frac{10 \times 9}{2}$  =>  $\frac{45}{2}$ no. of Ports =>  $\frac{10 \times 9}{2}$  =>  $\frac{45}{2}$ for each device

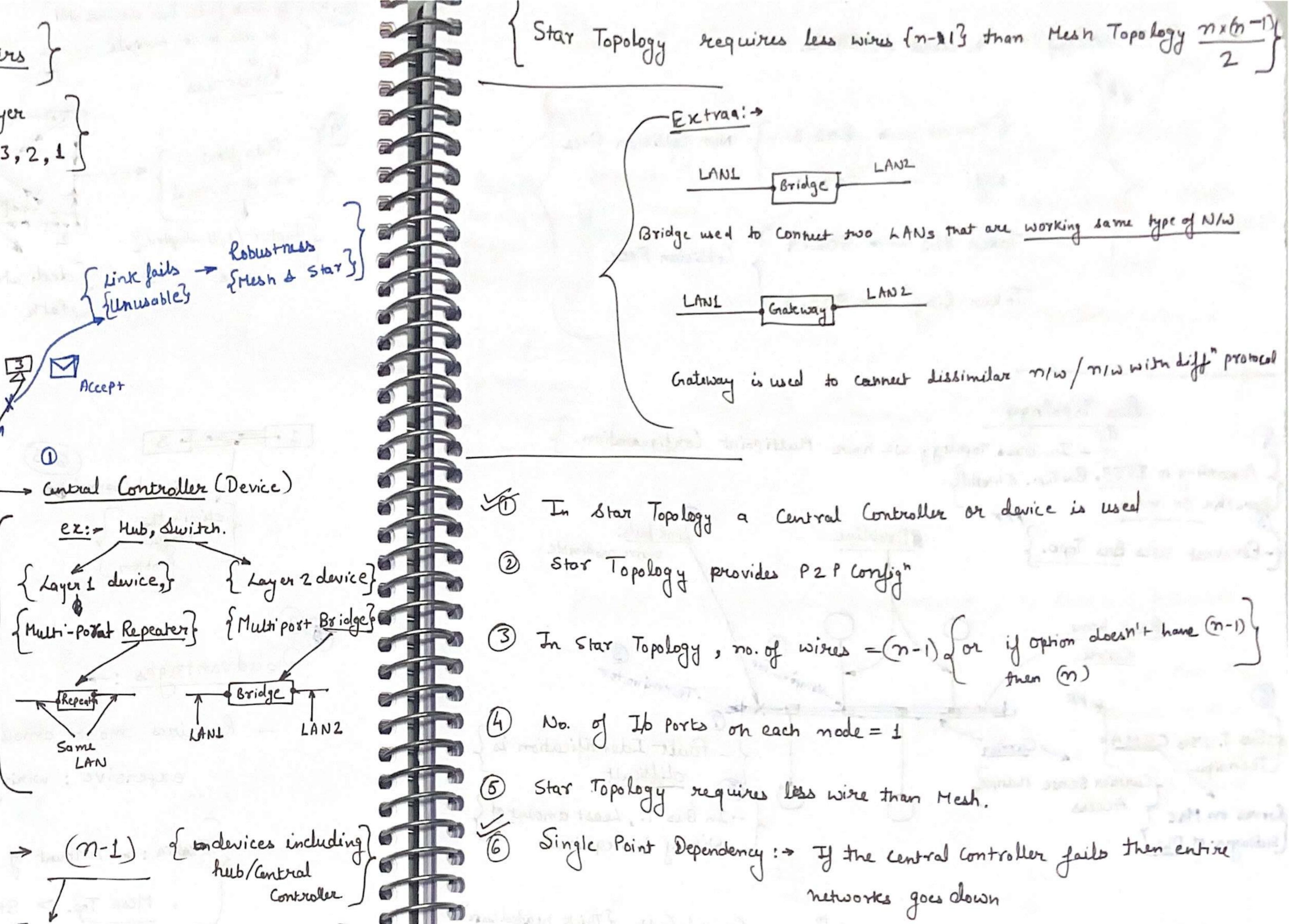
9:> How many total links are required to connect to devices for fully connected mesh n/w?

SBSHCL JE Electronical 20197

that Larranti Da Libraria

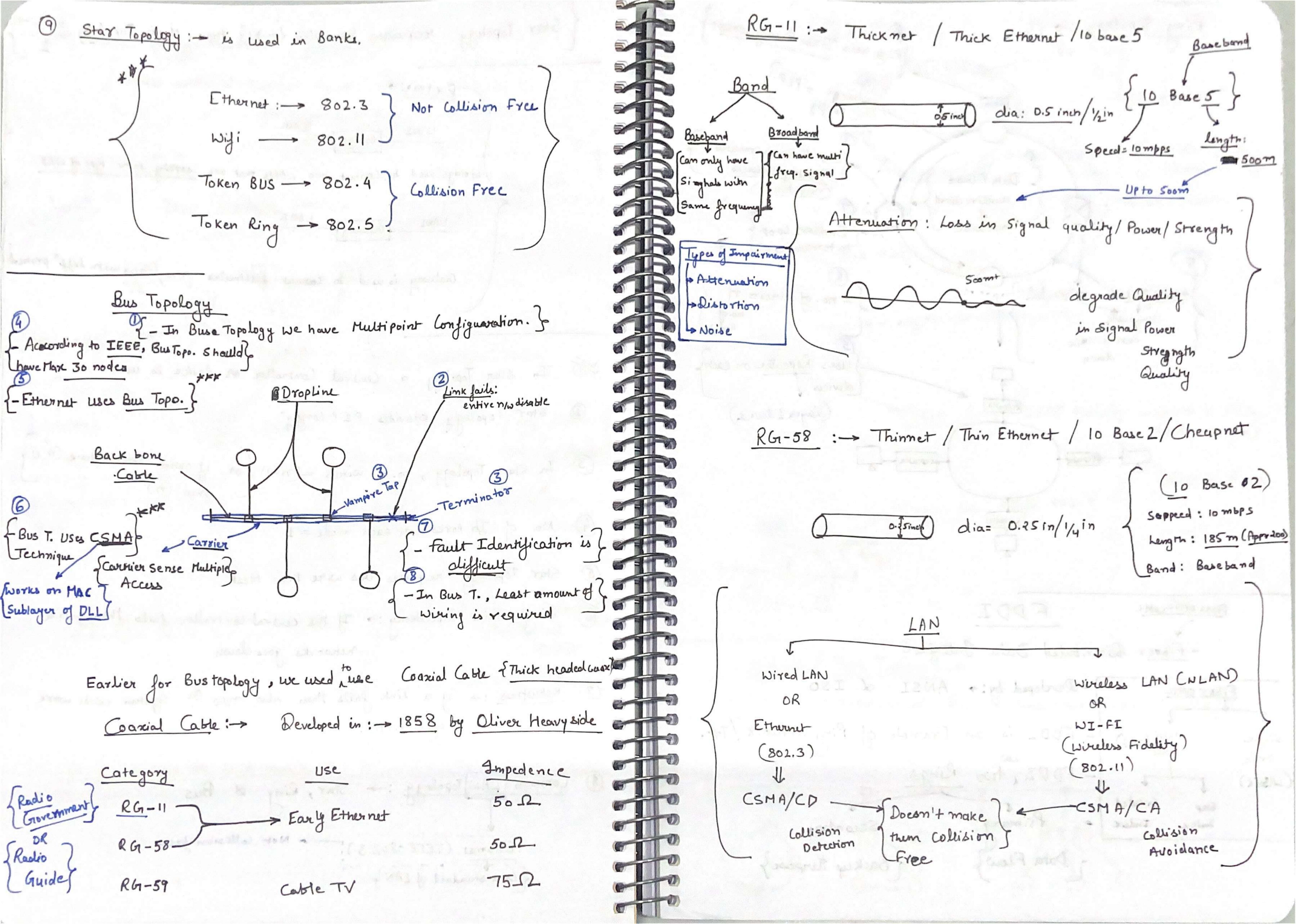


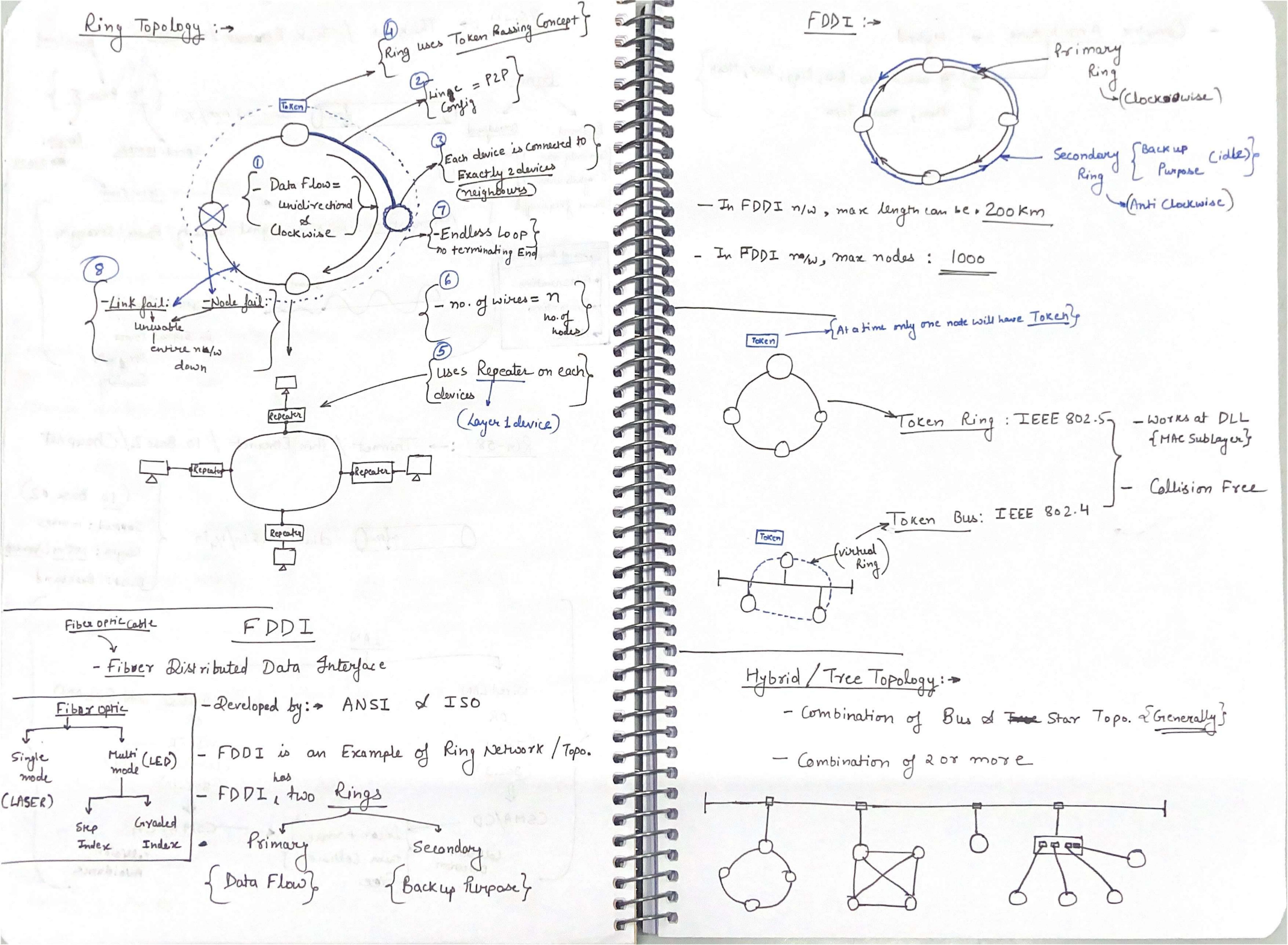




ig a link fails then also n/w or system will work effeciaently.

Ethernet (IEEE-802.3); is a standard of LAND





Complex Architecture: -> Hybrid