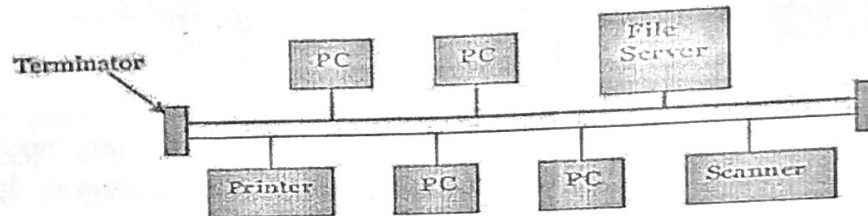


5 Mesh topology

1. Bus topology



- A network set up consists of a single cable(bus) with terminators at each end is called bus topology
- In this, all the devices like file server, work station & other peripherals will share a common cable
- In bus topology, every computer and network device is connected to single cable with two endpoints
- Terminator is a special hardware attached to each end of the cable which controls echoing of signals
- In this topology, the data is sent only in one direction & as soon as the data reaches the extreme end of communication line, the terminator removes that data from the link
- **Advantages:** requires less cabling, less expensive, simple, easy to install & configure, easy to extend
- **Disadvantages:** if the bus fails, then entire network will break down & difficult to locate problem

2 Star topology

