

## Windows formatting and installation:-

Windows can be formatted and installed in two ways:-

### FAT

1. File allocation table
2. Slow formatting
3. It can be converted into NTFS.
4. Used in windows 98.

### NTFS

1. New technology file system
2. Quick formatting
3. It can't.
4. Used in xp, vista

## Cables :-

They are of two types

1. Straight cable.
2. Cross cable.

To connect to different devices e.g. Hub → PC or switch → PC.

For straight cable formation the coding given below should be applied on both sides of wire.

Orange, Orange-white, Green, Blue-white, Blue, Green white, Brown, Brown-white.

To connect two same system of PC → PC or switch → switch.

For cross-cable formation, the coding from one side should be same to that of

the straight wire and other side it should be like this green, orange, white.

white green, orange blue, white blue, orange, brown-white brown.

These cables [used for network] is CAT5, AT6]

### Abbreviations-

- SATA -: Serial advanced technology attachment.
- IDE -: Integrated drive electronics.
- RAM -: Random access memory.
- ROM -: Read only memory.
- SMPS -: Switched mode power supply.
- ATE -: Advanced technology extended.
- PCI -: Peripheral component interface.
- AGP -: Accelerated graphic port.
- VGA -: Visual graphic port.
- PST -: Playstation tool.
- LPT -: Line printer terminal.
- USB -: Universal serial bus.
- BIOS -: Basic input output system.
- HDD -: Hard disk drive.
- FDD -: Floppy - disc drive.
- CD -: Compact disc.
- DVD -: Digital video disc.