

AUTHOR:- MURLI MAHONAR SIR (IT)



PRINTER AND ITS TYPE (COMPONENTS)

(1). What is Printer?

Ans):- Printer converts softcopy to hardcopy

THERE ARE TWO TYPE OF PRINTER

(1). Impact Printers

(2). Non-Impact Printers

1). IMPACT PRINTERS HAS 4 TYPE

I). Daisy Wheel Printer

II). Drum Printer

III). Chain Printer

IV). Dot-Matrix Printer

2). NON-IMPACT PRINTER HAS 2 TYPE

I). Ink-Jet Printers

II). Laser Printers

(1)->(i) Daisy Wheel Printer

(Ans):-

- ✓ Characters are created at a metal head. And each head is placed at a separate ARM
- ✓ A paper is placed between drum and soaked ribbon. Metal head strikes at the ribbon as per their requirement

(1) ->(II) Drum Printer.

(Ans):-

- ✓ In this case of drum printer all characters are printed all of drum number of character per line depends upon the size of drum in each line single character is created multiple times.
- ✓ Ink soft ribbon is placed over the drum and paper is placed over the ribbon and hammer is placed over the paper

(1)->(III) Chain Printers.

(Ans):-

- ✓ In this printer all characters are created at a chain in a sequence chain is moved as per the requirement a ink soft ribbon is placed over the chain. Paper is placed over the ribbon and hammer is placed over the papers

(1)->(IV) Dot matrix Printer

(Ans):-

- ✓ In This printer a matrix of pin is used with printing metal head number of pin can be 8 -TO- 24 blow the metal head In soft ribbon is placed, blow the ribbon paper is placed and blow the paper roar is placed. Printing is done by forming dot's of the papers

(2). NON-IMPACT

(2)->(I). Ink-Jet Printer

(Ans):-

- ✓ Printing cost is high.
- ✓ Print Quality is high.
- ✓ Print Durability is good.
- ✓ Can be used for color Printing also.
- ✓ Of printing head->
 - (1). Small c.....
 - (2). Ink Tank
- ✓ Printing Nosel is used for spreading of ink over the media

(2)->(II). Laser-jet Printer.

- ✓ Crystal powder(TONER) is used for printing
- ✓ Toner is spread on is the paper with (+VE) charge
- ✓ A (+VE) charge is created at a drum when there is no character drum is moved over the paper to bring back the powder into the cartridge
- ✓ Finally the rest powder as per the characters is heated with laser for printing
- ✓ Printing cost is low
- ✓ Printes is costly



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