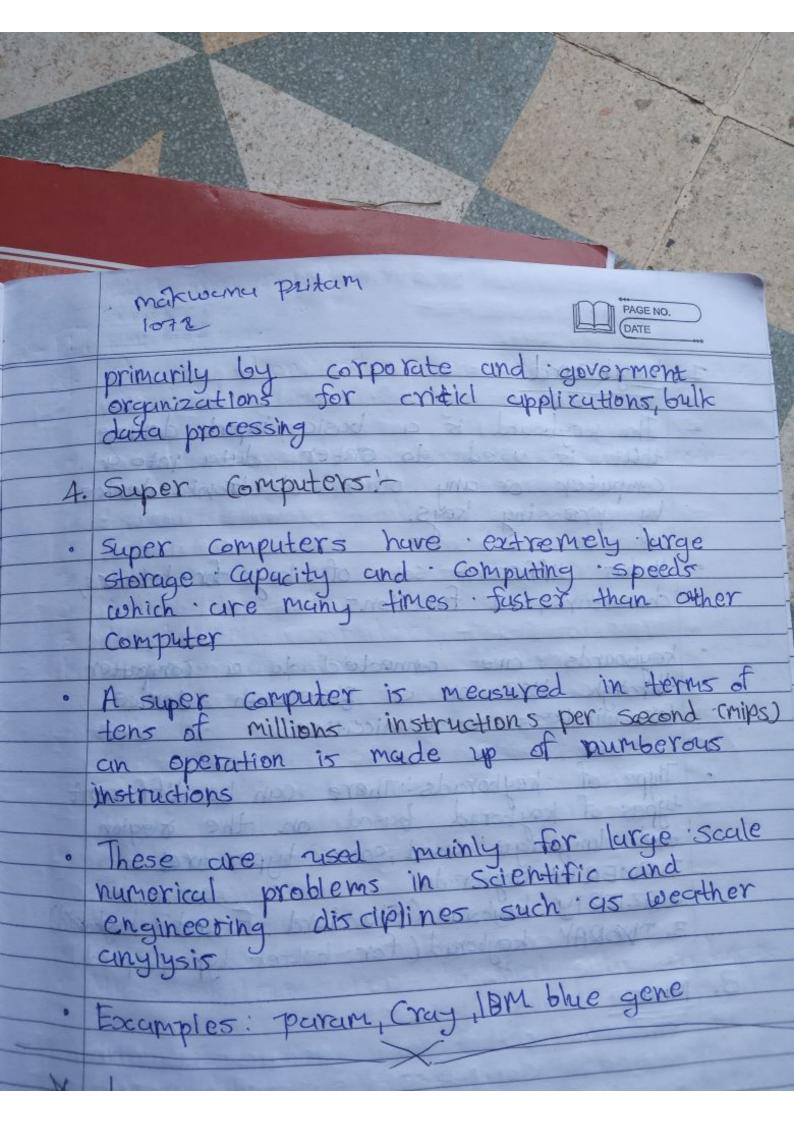
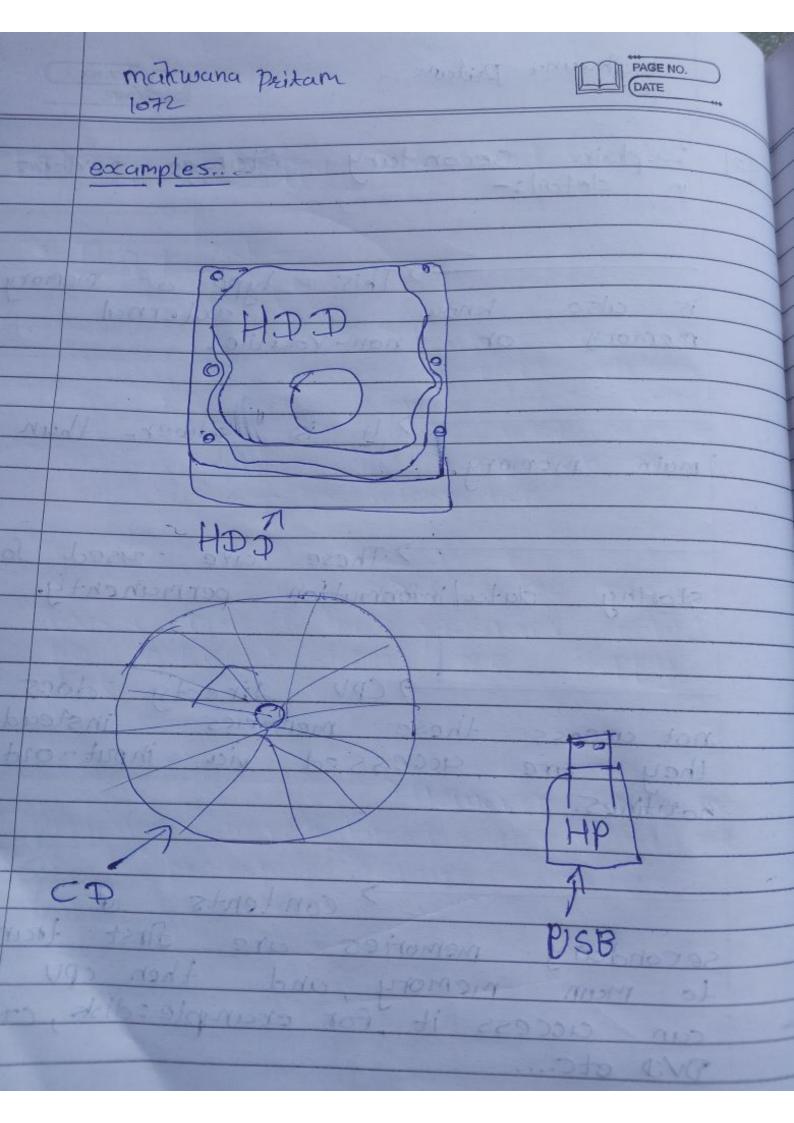
makwana Pritam Q-II dussification of computers by processing capularlites:-· Bused on processing capabilities and size computers can be broadly. cutegorized as follows. 1. Micro Computer 2. Mini Computer 3. Mainframe Computer 4. Super Computer I. Micro Compreter: of Computers in use as of today. The Ferm "Micro conqueter" was introduced with the advant of System based on Single chip microprocessor · Microcomputers are classified into two types 2. Portubles The difference is portable can be used while travelling whereas desk-tops connot be carried around The different portable computers cere: Laptop ¿ palntops (hand-held) 3. Notebooks 4. waruble computers

- makwana Pattam A minicomputers are a medium-sized computers That is more powerful than a microcorreputer These computers are usually designed to server serve multiple users simultaneusly (Parallel porocessing) They are more expensive then micro Examples are: Digital alpha, Sun willtra 3. Mainframe Computers : Computers with large storage carpenty and very high speed of processing (compared to mini and micro) are know as mainframe computers They support a large number of terminals for simultaneous use by a number of user like ATM transactions They are also used as central host computers in distributed data processing Main trame computer are powerful used



makuana Pritan Explain Secondary Storage Devices is also know as type of memory memory or non-volutile. 1) It is solwer than main memory. These are used for storing data/information permanenty. not arcass these memories instead they are accessed via input-output Routines. secondary memories are first transford to main memory and then apu can access it for example: disk, co-ROM, DVD etc

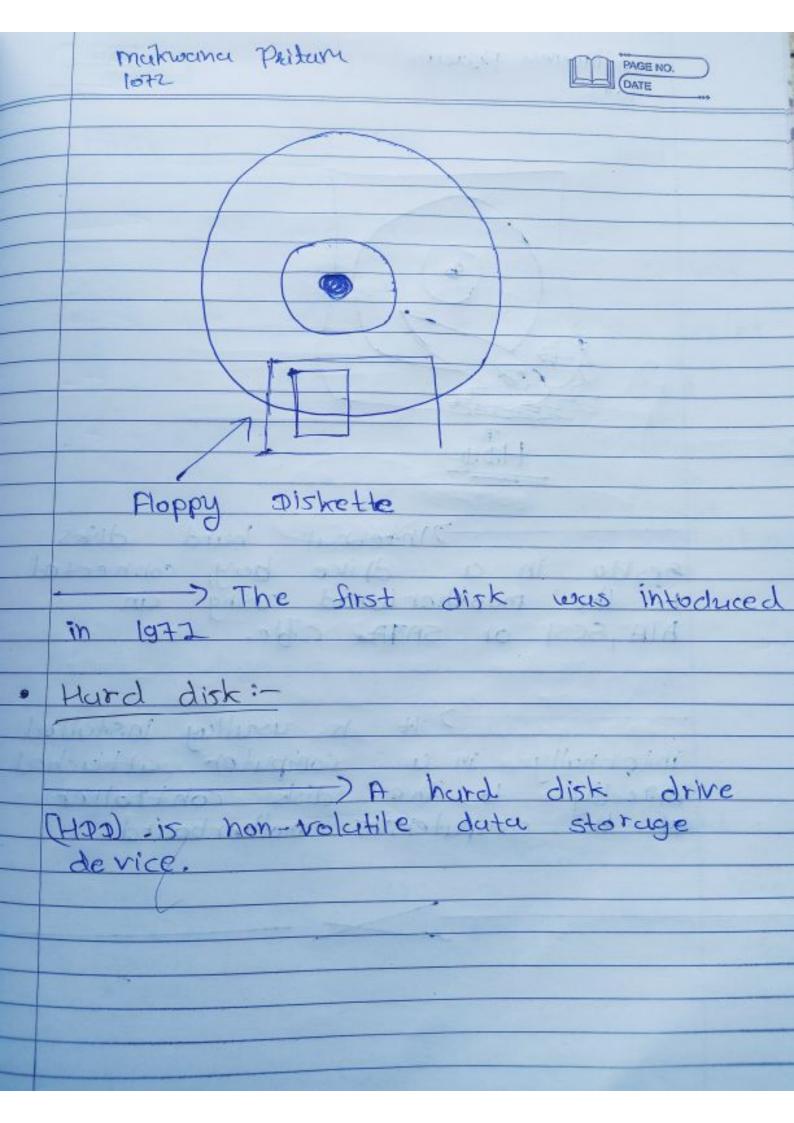


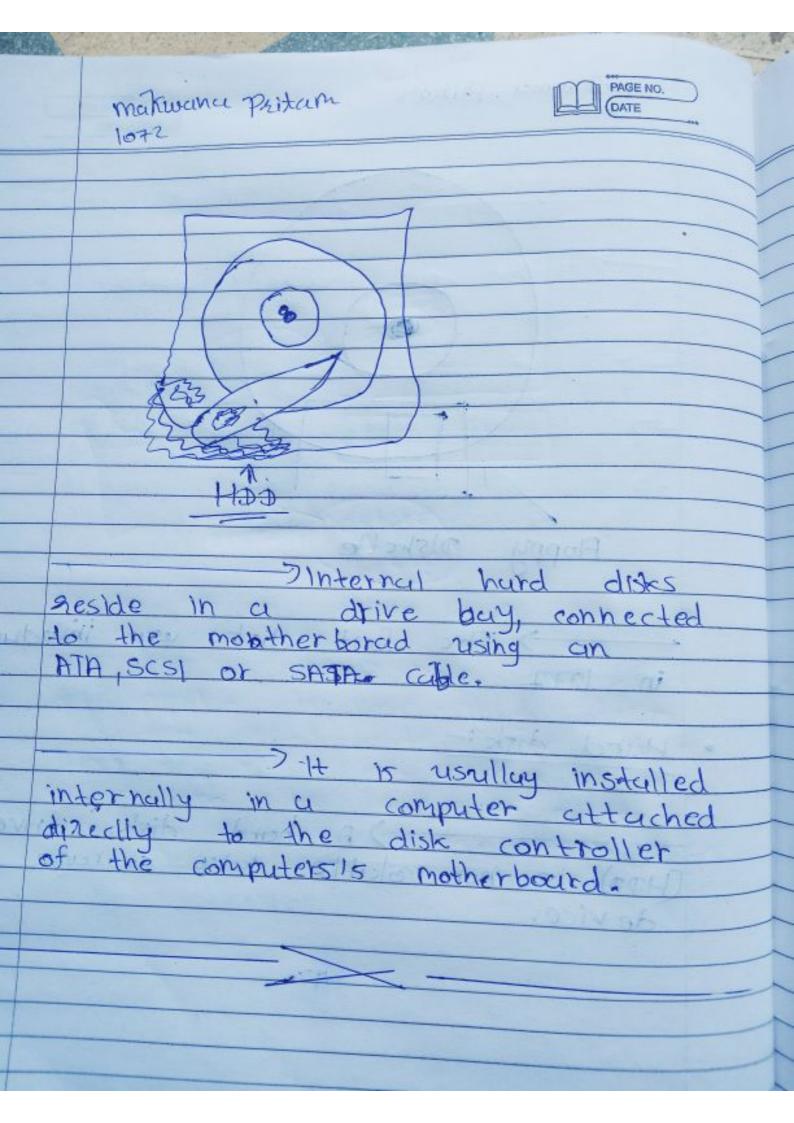
Makazierna Pritaria Write a note on Processors: 3 an integrated electronic circuit that performs the calculations that run a computer. > A Processor performs conthmetical, logical, input output and orthors basic instructions that one passed from an operating system. > most other processer are dependent on the a phocesson. operations of -> The terms processor central processing unit cous and michophocesson are commonly linked as synonys. -> Most perpete use the word processor " interchange ably with the term (cpu) nowa-days, it is technically not correct since the cpu is just one of the processor inside a Pc.

Makwana Pritam 1072 -> The utraphics Processing Unit (UTPU) is another processor and even some hard drives are techically capable of performing some processing. -> Processors cone sound in many modern eledroin devices, including Pes, smurtphone, tables and other handheld devices. 7A processor includes an withmetical logic and control unit (CN) which measure apability in terms of the following · Ability to process instructions at a given time · maximum number of bits/instructions, · Relative clock speed. They work together to process instructions and complète multiple takes at the same time.

makwana Pritan top and laptop computers now have a separate processor to handle graphic rendering and send output to the display monitor devies. -> Since this designed for this task, computers can handle all applications that as video games more efficiently. 7 A processor logic unit arithmetic (ALV), the floating point unit (APV), registers, and the cyche memories. > The ALV and metic and logical operations on members, and then results are sent to the registers, which also store instructions.

	makwana paitam (an	E NO.
4] Explain Floppy Disk and Hard	disk.
•	Floppy Disk:-	
-	did not have CD-ROM drill or USB and Sloppy disks we the only way to intall a program onto a computer or backup your information.	eres new
	be installed from one flopp	gram Uld y
pr	However, Sin or brograms were larger than 1.2 most programs nequired multiple loppy diskettes.	e Most







15) write a note on backup and acstore:-

Barkup and Restore

Refer to technologies and

practices for making periodic copies

of duta and pepplications to a

separate, secondary device and

then using those copies to

secover the data and applications

and the business operations on

which they depend in the event

that the original data and applications

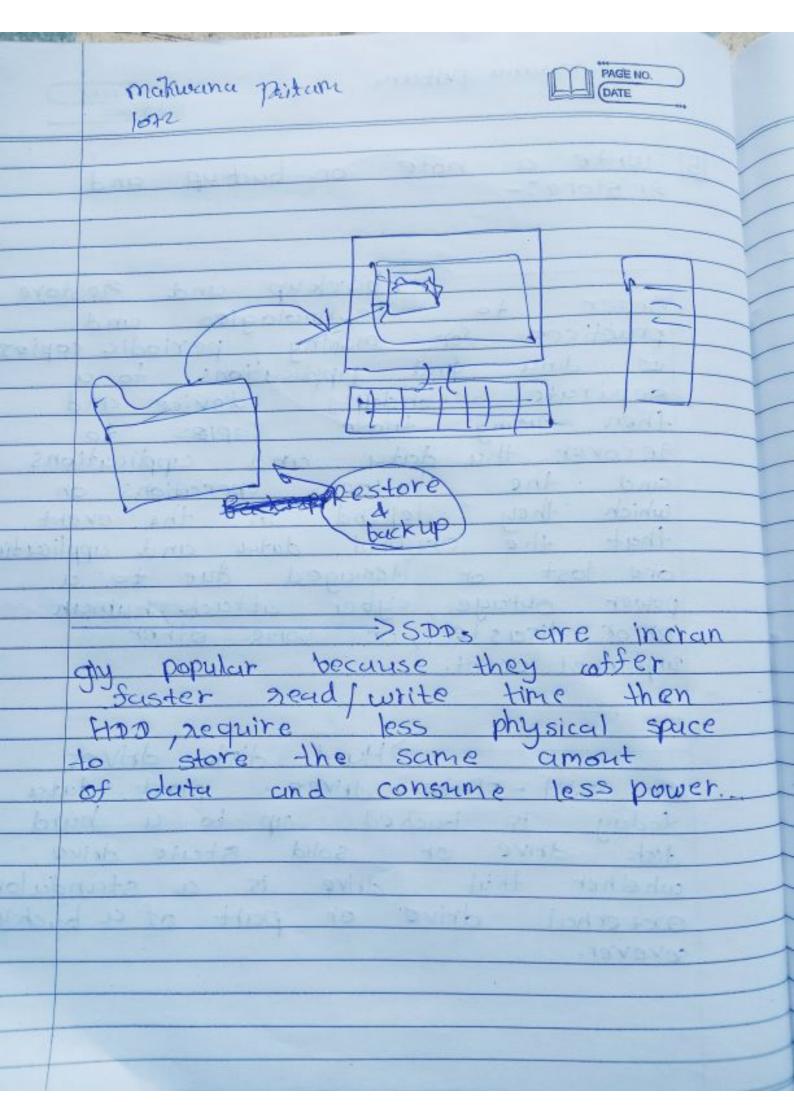
are lost or demaged due to a

power outage, cyber attack, human

error, disaster, or some other

unplanned event.

Hurd disk drives
or solid - state drives most data
today is backed up to a hard
disk drive or solid state drive
whether that drive is a standalone
external drive or part of a backup
sevever.



-Mukurana Pritare



backs up your duta and application tria a corporate network or internet connection to a physical or virtual backup server at a nemote data data center operated by your company, a hosting provider or a doub cloud services

Is typically the most flexible

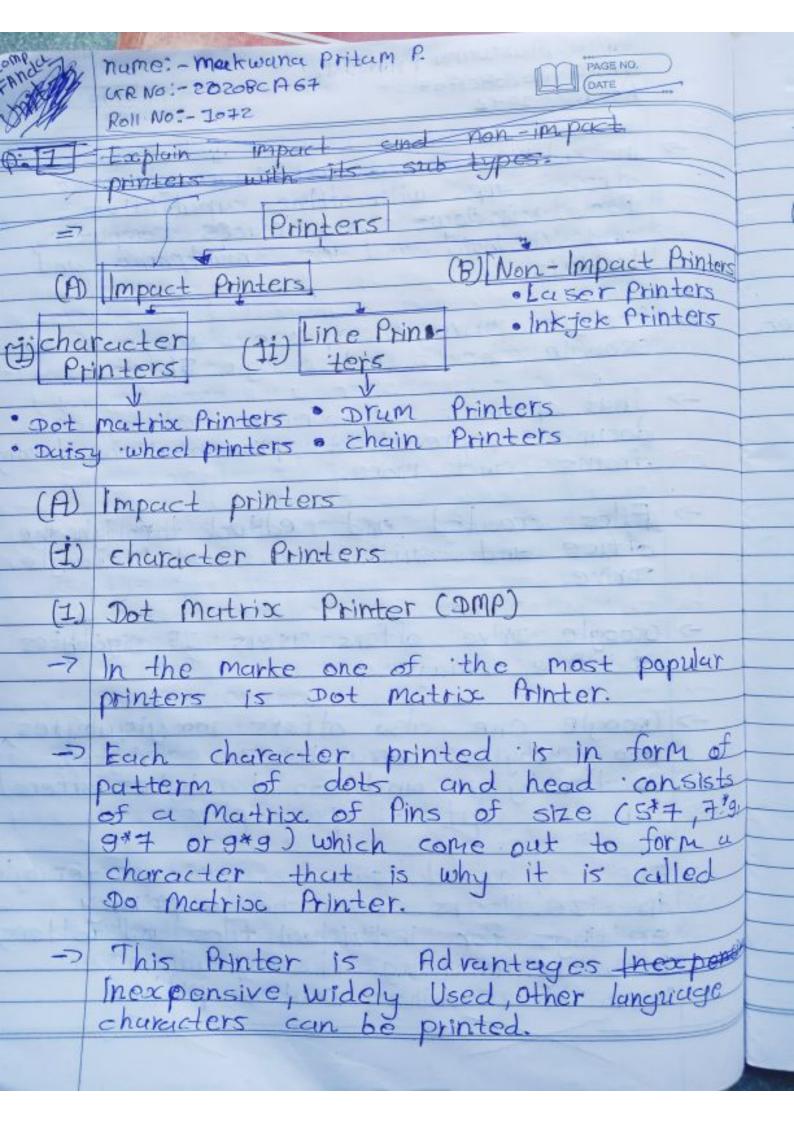
type of backup you can use

it to back up file application

data or entire physical or virstual

Servers.

	nume:- makwana Pritam p	
	100000000000000000000000000000000000000	
unit=	3 UTR no: - 2020 BCA 67 Fundaments DATE DATE	
Q: 16	Explain all trypes of printer in detail	
Y.	did to the state of the state o	
	Inancial Disabote 0=	
) Impact Printers:	
	The impact printers print the char-	
	The impact printers print the chara- cters by striking them on the ribbon which is then pressed on the paper.	
	which is then pressed on the paper.	
	COM	
	characteristics of Impact Printers are	
	following:	
	very low consumable costs	
	Very noisy	
20,000	VOI9 1/0139	
->	User for bulk printing due to low.	
	and tellingers are all applications	
	Non-imapact Printers:	
->	Non-impact printers print the characters	
	without using ribbon. These printers print	
	a complete puge at a time so they	
	charateristics of Non-Impact Printers	
-7	charateristics of Ivon-Impact Printers	
1	Die Lon House ince I point on	
	Faster than import printer	
->	Shoopet many forder - 1 different chara-	
-	Support many fonts and different chaira-	
-	5126	
-7	They give hat materi	
	They are not noisy	
-7	High quality	
	J. graning	



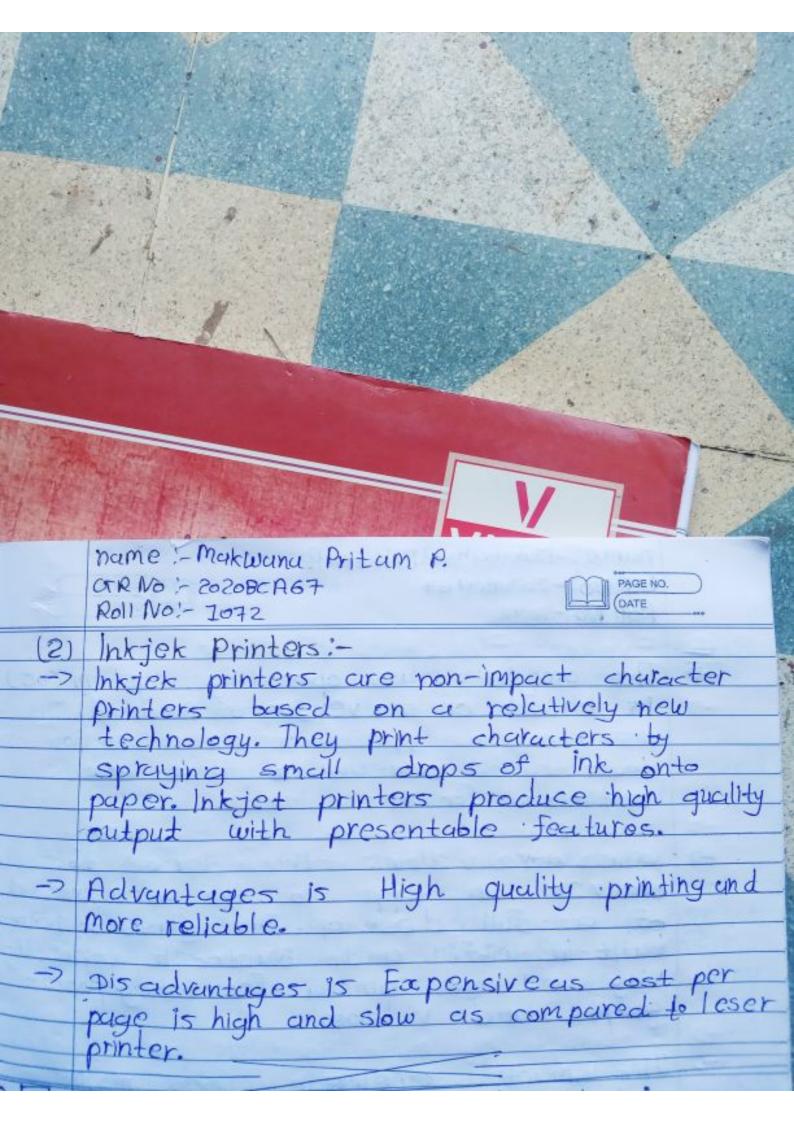
name: - makwance Printam P. UTRNO: - 2020 BCA 67 ROLL NO: - 1072 Dot Matrice printer is Disadvantages is slow speed, foor Quality. 2) Daisy wheel :-Head is lying on a wheel and pins.

corresponding to characters are like

poetals of Duisy Cflower name) that is
why it is called Daisy wheel Printer. -> Derisy wheel is Advantages more reliable than DMP, Better quality, The fonts of character can be easily changed. -> Daisy wheel is Disadvantages slower than Dmp, Noisy, more expensive than DMP. (11) Line printers (1) Drum Printers: -> This printer is like a drum in shape so it is called drum printers. The surface of drum is divided into numbers of tracks. Total tracks are equal to size of paper i.e. for a paper width of 132 chara-cters, drum will have 132 tracks. -7 Drum printers is Advantage is very high speed and disadvantage very expensive , chareters' fonts cannot be changed.

name:-makwana Pritam P. CRNO: -20208CA67 Roll No!-1072 In this printer, chain of character sets (2) chain Printer: are used so it is called chain printer. A standard set may have 48,64 or 96 characters. -> chain Printer is Advantages is character fonts can easily be changed, Different language can be used with the same printers -- chain Printer is Disadvantages is Noisy. (B) Non-impact printers (1) Laser Printers These are non-impact page printers.

They use laser to produce the dots needed to form the characters to be printed on a page. > Luser Printer Advantages very high speed, very high quality output. -) Disadvantages is Expensive and cannot be used to produce multiple coples of adocument in a single printing.



Merodenew? Name:-makwana Pritam P. UR: - 2020BCA67 PAGE NO. Roll: - 2072 write a note on: UPS - An uninterruptible power supply or uninterr upuptiple power source (UPS) in electrical apparature emergeny power to a load when the input power sorce or mains -> A Ups differs form an energializing or emergency power system or standly generator in that it will provide near-instantaneous protection form input power interruptions, by supplying energy stored in butteries, supercapcicitors or flywheels. The on-buttey run-time of most unimer-rupitble power sources in is relatively short conly a few minutes) but sufficient to start a standby power source or properly shut down the protected equelment. It is a type of continual power system. Advantages :--> No delay between swiching from the primery power source to the UPS.

Name:-makwana pritam P. CKR: - 2020 BCA 67 can better support critical Roll No :- 7072 instruments compared to generators. ->_ con better support consumers con choose the type and size of. of power they need to supply to a device. -7 -> Upss are silent. -> Maintenace of UPS systems is cheaper compared to generators. Dis adarntagns: -> The inability to run heavy appliancesbecause Upss are run off of butteries -> If substandard butteries are used user may and up replacing the butteries often. -> Ups may need professional instantitions

