Booting Process 10 BDCS BECS stands for Basic Input loput system. In simple terms, the RICS loads and executes the magner Burt Record bout Loudor. 20 MBR MBR stands for master Bout Record, and 13 responsible for loading & executing the GRUB but loader. 3. GRUB Sometimes called and GRUB, which is short For GNU GRand Unitied Boutloader, is the typical boot loader for most modern Linux systems 40 Kernel the kernel 13 often referred to as the care of any operating system, linux included- It has complete control over everything in your system. S. Ent used to degree the linux run level. lete linittab 6- Rundevel programs There are 6 run level Run level 0 - letc/rco.ol Run level 1 - letc/rc1.01 Run level 2 - Letc 1 rCd- of Run level 4 - letc | reyed) Run level -lex(105-d1 Run well - 1 exc rc6. S.1 6

Functions of operating system	the Control of the Co
10 00 00 00 00 00 00 00 00 00 00 00 00 0	THE STREET, ST
l' Memory Management	The second secon
-Allocates & deallocates memory	
- Keeps a record of which part of prima	
memory is used by whom I how much.	o s ib e
- Distributes the morning whole medaproce	11. 5 18(9
2. Processor management (scheduling	
. Allocates and deallocates processor to the	Q
processes.	
· keeps record of cpv status.	
	,
3. Device Management	,
· Allocates , d d'edlocates d'erices to d'il	serent.
procosses.	
· keep records of the devices.	
· pecides which process can use which de	evice
Goo now much time.	
4. File Management	
· keeps records of the states of localions ent	files
· Allocales and olallocates resources	
	No. of the Contract of the Contract
5. Security	A 0
The US keeps the system & programs ga	1 (
& secure through authentication A	
user id a password decide the aument	()) ()
of one user.	and the same same same
6. Allburting	of
CALLERY ALPRA	lence,
all the functions of a computer system of)
it makes a relained at heldre.	1
E	

activities taking place on the system 7 - other Functions · Error detection. · heeping a record of system performance. « Communication between different schware etc. microlernel and moralitimic bernel. Application 1 Applicention VFS, system calls App onthe perice file [PCL Dile System. servos driver server CPC Scheduler virtual Kerrel Memeryspace: Device priver, BUSIC IPC, Virtual managy Disputcher Scheduling Hardware. Hardware Legacy Operating system A legacy platform, also called a legacy operating system, is an operating system no longer in widespread use, or that has been supplanted by an updated version of garvier technology. Many enterprises that use computers have legacy platforms, as well as legacy application, that serve critical business needs. BOTH . VEFE & BLOS are low-level software. that starts when you reboot your PC before bosting your operating system, but UEFI

is more modern solution, supporting larger hard drives, faster boot times, more security features, and conveniently - graphics of mouse cursors. Bisk partitions command prompt -> diskpart. -) Misharsk. -> sel arisk 2 = Mist partition To check the services running open command prompt. net start. Windows, Mae & Cinux windows - this follows a directory structure to store the different kinds of files of the user It has logical drives & cabinet drawers. It also has folders. Some common folders like documents, pictures, music, videcs, & downloads All these files can be stored in these folders, & also new folders can be created. It also has files which can be a spreudshet or an application program. Mac - the file structure of MAC is commonly known as MAC CS X- If you go to dig into your MACS hard of 13k through the finder, you will see many directories the root directory of MAC may encounter when they visit their own MAC book. You can explore the file system & directory structure by going to directories like iApplication Developer, Estin, 1 tmp, etc. ___**EST**