Storage of first, track in one of platters= 20000x 2000x 512 Byte
= 2.048 x1010 Byte

storage of second type track

= 20000 x 1500 x 512 Byte (=1.536 x 10) Byte = 15.36 GB

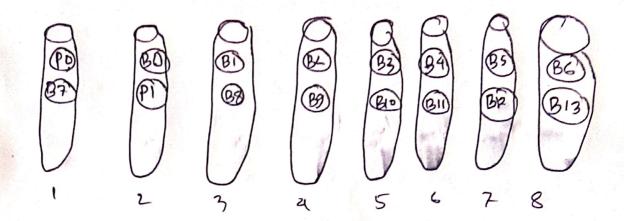
Storge in third type = 10000 x 1000 x 512 Byte = 5.12 Crb.

5) storage in one platter = 2x (20.484 15.36+5.12)618 = 81.92 C13

[2 sides]

e) storage of the disk = 5x 81.02 GB = 409.6 CB [5 platters]

Secondary Storage: -It is in second level of storage hierarchy It is non-volatie storage. So, it persists contents when power shots down. It is moderadely fast access time. It means its access time is fester than the terctiatey storage, and clower than seconds primary storage. It includes flash memorry and magnetic disks. These are important for programs and long term data. Soit



PO, PI are parity blocks.

Parity blocks are distributed among disk to increase rite reliability. So, if one disk fails, it would not be very significant. If we have parity blocks in some disk it would be less reliable in case of disk failure.

		end	byte block number
(A)	Record	start byte-	and
	Record 0	0 - 1199	1
	Record 1	1200 - 2399	
	2	2400 - 3509	
	3	3000 - 4792	1,2
	9	4800 - 5999	2
	5	6000 -7109	2
	6	7200 - 8399	2,3
	7	8400 - 9599	3
	8	9600 - 10799	3
	9	10800-11999	3
~~		-12000 - 13199	