

Roll-1705045

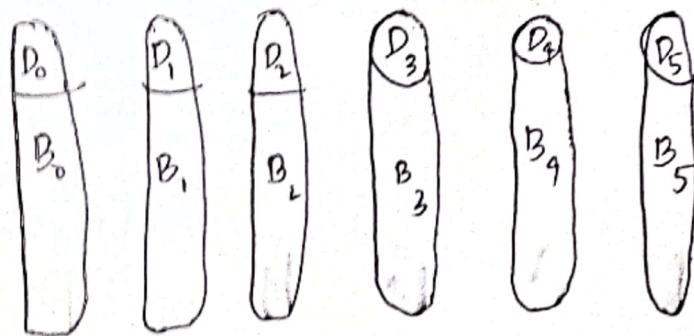
Class Work-2

(1) When blocks are in different disks, different head points can read parallelly from them. Thus it becomes faster.

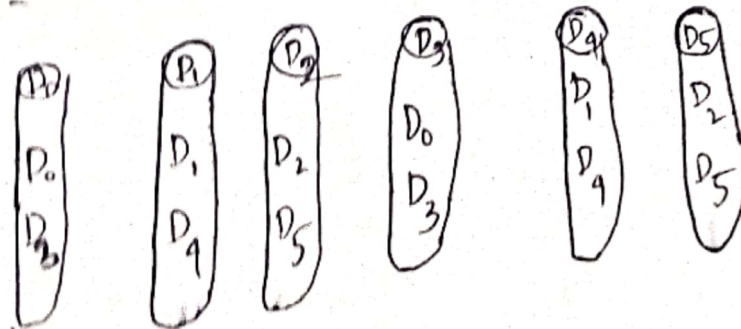
(2) If a long sequence of blocks is requested, parallel accessing is possible since these blocks reside in all disks.

Thus the operation is faster.

(3) RAID level-0:-



RAID level-1:-



c)

	<u>RAID level-0</u>	<u>RAID level 1</u>
Query Processing:	Faster	Slower
Reliability:	No	Yes
Capacity	more	less

④

	<u>RAID-1</u>	<u>RAID-5</u>	<u>RAID-6</u>
Cost:	High B. Maximum	Minimum	Medium
Update:	Fast	Slow	Slowest
Read/write:	2 Disk Write	2 block read, 2 block write	3 block read 3 block write
Recovery	Fast	High	Slowest
Reliability	High	High	Highest