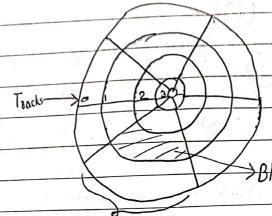
Disk is like a platter on which there are Disk Structure logical concentric circle not physical. These



Intersection postion of Track & Sector is block. Block address = (Track NO, Sector No)

> Block

Sector

Reading & Writing from Disk is done on block.

So using track & sector we reach block. And inside block we use offset to reach desired address.

Pasticulas Byte on = (Track No. Sector No. offset) block

Programs runs on main memory.

Organizing the data inside the main memory
that is directly used by program is data structure.

Organizing the data inside the disk efficiently that can be easily utilized is DBMS.

Ways to Access Disk

(a) Directly

Search the blocks linearly.

(b) Index The index is also on disk. Index is the key which has the value pointing to block address offset of record.

10	Multi-Level Index
	To sumbor of blook, I.
and the same of th	The number of blocks to store index increases, so using single level index we need to traverse
	Single level index we need to Exoverse more blocks.  Better multi-level index
	Better multi-level index
	2
	$\begin{pmatrix} 3 \\ 4 \end{pmatrix}$
	1 32
	35
	65
	64
	65
	Adding no of multilevel index will reduce no of block
	access.
	(Accoso
	Multi-Level Indexing Look
	Similar to m-way search tree.
· -	