Database Technologies UE19CS344

6th Semester, Academic Year 2021-22

Week #: 3 - Indexing problem(Numerical)
(Lab 3)

Date: 1/2/2022

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Given,		
to records = 3,0	0,000	
Size of records =	100	<u> </u>
Block size = 4	096	
# secords in	1 block = 40	
# blocks =	300000 = 7500	Ns
	40	
It block acc	esses in binary search	
= log ₂	(7500) × 13	
Blocking factor.	4096 = 273	
	13	roa)
Binary search on	index file = log2 = 7	73)
0	25	<u> </u>
	23	1
i. It block acc	esses using inden	