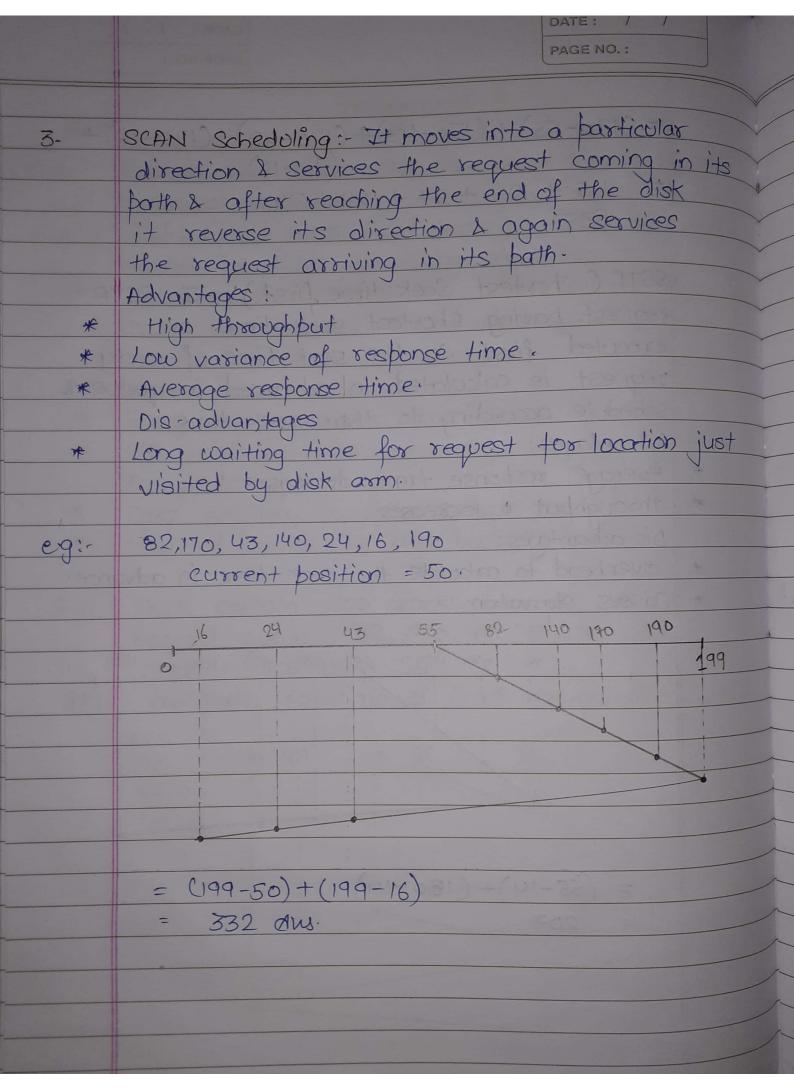


DATE: / / PAGE NO .: =(170-55)+(170-43)+(140-43)+(140-16)+= 115 + 127 + 97 + 124 + 74 = 537 12 SSTF ( Shortest Seek time first): - In SSTP request having shortest seek time or executed first so the seek time of every request is calculated in advanced in queue & schedule according to their seek time. Advantages: \* Average response time decreases \* Throughbut & increases Dis-advantages: ATT AT ME A overhead to calculate the seek time in advance. Causes starvation. 55 a3 148 146 27 42 (55-14)+(180-14) 207



	PAGE NO.:
8.2	Explain the difference between logical and -
dis.	Logical address Physical address.
1	An address at which an A memory address that item such as memory allows accessing a cell, storage element particular storage cell appears to reside from in the main memory.
	the perspective of an executing program.
2.	Logical address space is Physical address space  the set of all the logical is the set of all addresses generated for a bhysical address of a brogram.
3.	Helps to obtain the Helps to identify a location in the main memory.
4.	Generates logical addresses Produced by the combination of the relocation register and the logical address:
9.3 dw	The CATALOG ATTOCK

PAGE NO .: anywhere on the disk. The directory entry contains a pointer to the starting and the ending file black. Each black contains a pointer to the next block occupied by the file. Advantages: This is very flexible in terms of file size. File size can be increased easily since the system does not have to look for a contiguous chunk of memory. This method does not suffer from external fragmentation-Disadvantages :-It does not support random or direct access. we cannot directly access the block of a file. Pointexs required in the linked allocation incur some extra overhead. Indexed Allocation: on In this scheme, a special block known as the Indexed block contains the bointex to all the blocks occupied by a file. Each file has its own index block. The directory entry contains the address of the index block. This supports direct acress to the blocks occupied by the file and therefore provide fast accesse to + the file blocks. It overcomes the problem of external fragmentation.

