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Q4 (a) Suppose that a disk drive has 5000 cylinders, numbered 0 to 4999. The drive serving a request at cylinder 143, and the previous request was at cylinder queue of pending requests, in FIFO order is 86,1470,913,1774,948,1509,1022,1750,130 Starting from the current head position, what is the total distance (in cylindrical disk arm moves to satisfy all the pending requests for each of the following scheduling algorithms? a. FCFS b. SSTF c. SCAN d. LOOK e. C-SCAN (change data) (b) Explain working of EDF and RMA real time scheduling algorithms. Differ between Deadlock A voidance and Deadlock prevention.	125. The lers) that the g dis-
Q5 Write a note on (any 2) a) Cyclic Schedulers b) I-Node structure c) File Allocation methods d) Demand Paging	20

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