1. Define Page Replacement Algorithm. Explain LRU algorithm.
2. Describe the methods of implementing files.
3. Explain disk scheduling with SSTF algorithm.
4. Given references to the following pages by a program, 1, 2, 3, 4, 2, 1, 5, 6, 2, 1, 2, 3, 7, 6, 3, 2, 1, 2, 3, 6. How many page faults will occur if the program has three page frames available to it and uses FIFO replacement?
5. Explain DMA. Compare Polling and interrupt.