



**PART - B**

- 5 a. When do a Page fault occurs? Draw and describe the steps involved in handling a page fault. (10 Marks)  
b. Explain the different factors considered in comparing different Memory Management Strategies. (10 Marks)
- 6 a. Explain File Attributes and File operations. (12 Marks)  
b. Explain different file access methods. (08 Marks)
- 7 a. What is disk scheduling? Explain the following with diagram :  
i) FCFS ii) SSTF iii) SCAN. (10 Marks)  
b. What is an access matrix? Explain the following operations in access matrix with an example for each :  
i) Copy ii) Transfer iii) Limited copy. (10 Marks)
- 8 a. Discuss the design goals for Microsoft Windows XP. (10 Marks)  
b. What is Slab Allocation? Discuss the Slab allocation in Linux Operating System. (10 Marks)

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