

Stream : B.SC.CS 6th Sem
Subject : Operating System [OS]

OS's Class Assignments :

- 1) Explain Non-contiguous memory allocation.
- 2) Explain Segmentation in detail.
- 3) Consider work queue: 82, 170, 43, 140, 24, 16, 190 and there are 200 cylinders numbered from 0 - 199. The disk head starts at number 50. Calculate total time required for arm motion using SSTF and SCAN.
- 4) Explain Data Bus and Address Bus.
- 5) Discuss File attributes and access methods in details.

OS's Home Assignments :

- 1) Explain Contiguous memory allocation and discuss its advantages and disadvantage.
- 2) Explain the role of page tables in virtual memory systems.
- 3) Explain Optimal Page Replacement Algorithm with suitable Example.
- 4) What is Operating System? Explain types of Operating System.
- 5) Difference between Paging and Segmentation.