



SNS COLLEGE OF TECHNOLOGY

COIMBATORE – 35



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (UG & PG)

Second Year, 4th Semester

16 Marks Questions

Subject Code & Name: 19CST201- OPERATING SYSTEMS

1. Explain the concept continuous memory allocation
2. Discuss the segmentation with diagram in brief
3. Explain the working set model with an example.(Thrashing)
4. Demonstrate paging concept in memory management with neat diagram
5. Compare any six features of internal and external fragmentation.
6. Explain optimal page replacement strategy with suitable sequence of pages
7. Discuss the concept of virtual memory using any one version of windows os. (demand paging)
8. Discuss in detail about the demand paging.
9. What is the cause of thrashing? Explain how thrashing could be controlled using page fault frequency strategy.
10. Define segmentation and fragmentation. How segmentation is performed
11. Discuss about various types of page replacement algorithm with example.
12. Discuss about Structure of page table in the paging concept