Operating System – Home work 4_5_6_7_8:
Lecture 4

Q1\ Draw the diagram of Static Linking Diagram

Q2\ List the five Memory Management Approaches.

Q3\ Draw simple diagrams for External Fragmentation, Internal Fragmentation, and Compaction.

Q4\ Draw a Schematic View of Swapping.

Q5\ Draw the diagram of "Address Mapping with Segmentation"

Q6\ Assuming that

Page size = 2,048 bytes

Process size = 100,132 bytes

Calculate the number of pages and internal fragmentation?

Q7\ Calculate the page table size for basic paging for below

_ Consider a 64-bit logical address space

_ Page size of 8 KB

_ If each entry is 4 bytes

Q8\ Draw The Basic Paging Diagram

Q9\ Draw the diagram of Shared Pages Diagram

Q10\ Draw The General Layout of Virtual Memory.

Q11\ What are procedures for improving the performance of applications under Windows?

Lecture 5

Q12\ Draw Disk Partitioning and Formatting Diagram

Q13\ List the five steps for How to erase mobile data?

Q14\ List and Draw Disk Allocation Methods

Q15\ Draw Typical diagram for Storage-Area Network

Lecture 6

Q16\ Draw the Basic Deadlock Diagram.

Q17\ List only the four deadlock conditions?

Q18\ List only the ways for handling Deadlock.

Lecture 7

Q19\ Q35\ Draw the diagram of Active Directory Logical Structure..

Q20\ Draw the diagram of Active Directory Trust Relationship?