

ALAGAPPA UNIVERSITY STUDY CENTRE TUTICORIN

5TH SEM ASSIGNMENT QUESTION

INTERNAL MARK: 25 / PER SUBJECT

B.SC CS

13051 OPERATING SYSTEMS

1. Explain about the components of operating system with the help of diagrams ?
2. Explain briefly about the process state in detail
3. Write short notes on the following:
 - (a) Entry and exit section
 - (b) Swap instruction
 - (c) Semaphore
4. Discuss briefly contiguous allocation
5. What is RR scheduling algorithm?

13052 RELATIONAL DATABASE MANAGEMENT SYSTEMS

1. What are the different types of data models? Explain.
2. Explain the basics of Data Base Management System (DBMS)
3. Compare the hierarchical, relational and data model
4. What is unary relationship? Explain its types
5. Discuss the different type of indexing

13053 COMPUTER ARCHITECTURE

1. Give the difference between ISA and microarchitecture
2. Can MIPS consider as a performance measure? Explain
3. Explain the various parameters for improving the system performance
4. What are the different types of hazards?
5. What are the steps for designing and evaluating an I/O system?

13054 LAB : RDBMS

1. Experiment using database DCL SQL statements
2. PL/SQL Procedure for application using cursors