

12. Throughput --- the number of tasks that can be completed in a given _____ interval

13. Shared nothing -- processors share neither a common _____ nor common _____

14. What “D” stands for in ACID properties of transaction?

15. Key word for Alternative key is _____

Q.2 Answer the following questions. (Attempt any three) (15)

A) What is SQL? What are the SQL commands?

B) Explain Transactional workflow with an example.

C) What is the difference between File system and DBMS?

D) Explain Distributed Query processing.

Q.3 A) Explain Different Transaction Processing Monitor Architectures. (07)

B) Difference between DBMS and IR Systems (08)

OR

B) Explain Real Time Transaction System and Long Duration Transactions. (08)

Q.4 A) Explain Data Model for XML, Storage of XML Data, Document Schema and Querying XML Data. (07)

OR

(A). Features of distributed databases vs centralized databases and explain Distributed DBMS architecture. (07)

B) Design a framework for query optimization. (08)