Assignment Questions

Sub Name: Distributed Systems Sub Code : CoSc 4191

Answer any Seven questions

1. Define distributed system?
2. Define the properties of the distributed system?
3. Define effective resource sharing?
4. Explain about architectural models
5. Define vector clocks?
6. Define global states?
7. Explain distributed deadlock detection?
8. Explain distributed termination detection?
9. Explain clocks, events and process states?
10. Explain how synchronizing physical clocks?
11. Discuss the lamport logical clocks and logical time?
12. Explain TCP Stream communication?
13. Explain client-server communication in detail?
14. Explain client-server communication in detail?
15. Explain file service architecture in detail?
16. Explain the characteristics and distributed file system requirements?
17. Explain transactions and their properties in detail?
18. Explain Remote Procedure call in detail?
19. Explain Fault tolerance mechanism in detail?
20. Discuss consistency and replication mechanism?