ADITYA DEGREE COLLEGE, KAKINADA

PRIFINAL EXAMINATIONS

VI Sem III B.Sc - DISTRIBUTED SYSTEM

COMPUTER SCIENCE

Marks : 75M

Time : 3 hr

Dt: :

SECTION-A (5*5=25)

I. Answer any FIVE from the following

1. What is Distributed system? Goals and Advantages?
2. Explain message passing?
3. Explain Clock Synchronization?
4. Explain Mutual Exclusion?
5. Explain Granularity?
6. Explain File accessing models?
7. Explain Synchronization?
8. Explain Stub Generation?

SECTION - B (5*10=50)

II. Answer all the following

9. a) Explain Distributed System models?

or

   b) Explain Design issues in Distributed System?

10. a) Explain RPC models?

or

   b) Explain Call Semantics?

11. a) Explain Design and implementation of DSM?

or

   b) Explain Election Algorithm?

12. a) Explain Load Balancing?

or

   b) Explain Concept of Threads in Distributed Systems?

13. a) Explain File caching Semantics?

or

   b) Explain Digital Signature?