MCA-124　　　　MCA–24

M.C.A. DEGREE EXAMINATION – DECEMBER, 2018.

Third Year

DISTRIBUTED COMPUTING

Time : 3 hours　　　　　　　Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions

1. List the characteristics of Distributed System

2. Discuss Design issues: Transparency and Scalability.

3. Provide your view on Client Server Model

4. Write short notes on Mutual exclusion

5. Explain usage of threads in process management

6. Discuss trends in distributed file system

7. Brief on Recovery mechanism in Distributed System.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions

8. Explain various Distributed Computing Models

9. Briefly explain on Network Operating System

10. Compare blocking and Non-Blocking primitives and Explain

11. Discuss Deadlock management mechanism

12. Write short notes on process allocation

13. Sketch and explain distributed DBMS architecture

14. Describe concurrency control in Distributed Systems.

——————————

2 **MCA-124**