Code: 9F00405a

MCA IV Semester Regular & Supplementary June 2012 Examinations
DISTRIBUTED SYSTEMS
(For 2009 & 2010 admitted batches only)

Time: 3 hours   **Max Marks: 60**

Answer any FIVE questions
All questions carry equal marks
*****

1. (a) Write short notes on characteristics of distributed systems.

   (b) Give an account on internet protocol.

2. (a) Explain about group communications.

   (b) Explain about IPC in UNIX.

3. Give detailed notes on remote object invocation.

4. Explain in detail about DOS architecture.

5. Discuss in detail about sun network file system.

6. Write short notes on:

   (i) Domain name system.

   (ii) Optimistic concurrency control.

   (iii) Physical and logical clocks.

7. How to detect & prevent deadlocks in distributed systems? Explain.

8. (a) Compare different shared memory systems in DS.

   (b) Give an overview of mach.

*****