



Reg. No. : .....

Name : .....

**Eighth Semester B.Tech. Degree Examination, April 2014  
(2008 Scheme)**

**08.804 : DISTRIBUTED SYSTEMS (R)**

Time : 3 Hours

Max. Marks : 100

**PART – A**

(Answer **all** questions. **Each** question carries **4** marks.)

1. What is the difference between mobile code and mobile agent ?
2. Give some examples of hardware and software that can/cannot be tolerated by the use of redundancy in a distributed system.
3. What is IP spoofing ?
4. Explain the issues in Remote Method Invocation.
5. Differentiate between sockets and ports illustrating significance of each.
6. Distinguish between monolithic kernels and microkernels.
7. How NFS is different from single user file system ?
8. When does “lost update” problem occur in concurrent transaction ? Explain with a suitable example.
9. Why should UFID be unique across all the file systems ?
10. What is the reason for phantom deadlock ?



**(10×4=40 Marks)**

