



(Pages : 2)

A – 2408

Reg. No. :

Name :

**Eighth Semester B.Tech. Degree Examination, April 2016
(2008 Scheme)
08.806 B : DISTRIBUTED SYSTEMS (F)**

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

(10×4=40 Marks)

1. Illustrate the concept of resource sharing in World Wide Web.
2. How do different servers co-operate in performing services ?
3. Discuss the differences between buffering and caching.
4. Compare UDP and TCP communication.
5. Write short note on DNS.
6. Discuss about transactions and concurrency control of shared objects managed by servers.
7. What are the differences between processes and threads ?
8. What are the various issues in distributed systems ? Discuss.
9. Explain about message passing in distributed system architecture.
10. Discuss the issue of naming in shared memory regions.

PART – B

Answer **any one** question from **each** Module.

Module – I

11. Discuss the various characteristics and issues in distributed systems. **20**

OR

12. Discuss the networking issues in distributed systems. **20**

P.T.O.



Module - II

13. Discuss about the characteristics of interprocess communication in detail. **20**

OR

14. Discuss about interprocess communication in Unix. **20**

Module - III

15. Discuss about the operating system support in distributed systems. **20**

OR

16. a) Write short note on replication. **8**

b) Explain in detail nested transactions. **12**
