

Code: 9A05604

B.Tech III Year II Semester (R09) Supplementary Examinations December/January 2014/2015

DISTRIBUTED SYSTEMS
(Computer Science and Engineering)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What is the difference between static and dynamic web pages?
(b) What is common gateway interface?
- 2 (a) What is publish-subscribe paradigm in RMI?
(b) What are the characteristics of distributed event based systems.
- 3 (a) What is the difference between flat name space and hierarchic name space?
(b) What are name spaces?
c) (Explain the hierarchic structure of DNS name space.
- 4 (a) What is the use of election algorithm?
(b) Explain the ring based election algorithm.
- 5 What is granularity? List out its properties. Compare forward and backward validation of transactions?
- 6 (a) Why you need intention list? Explain it with example.
(b) How recovery of objects can be handled by server? Explain with an example.
- 7 (a) Discuss the structure and content of X.509 certificate.
(b) Discuss the performance of symmetric encryption and secure digest algorithms.
- 8 Explain a dynamic distributed manager algorithm with example.
