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
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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.

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