R09

Time: 3hours   Max. Marks: 60

Answer any five questions
All questions carry equal marks
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1.a)   Explain the advantages and disadvantages of distributed computing systems.
  b)   Briefly explain the Operating System concepts relevant to distributed computing.

2.   Briefly explain the following Distributed Objects Paradigms:
     a) Object Space Paradigm
     b) Mobile Agent Paradigm
     c) Network Services Paradigm
     d) Groupware Paradigm

3.a)   Compare and Contrast between RMI and Remote Procedure Calls (RPC).
  b)   Explain in details the comparison of RMI and Socket API.

4.a)   Explain the CORBA architecture in detail.
  b)   Discuss the features of distributed object system.

5.a)   What are the Characteristics of JINI?
  b)   Briefly explain about Distributed Multimedia Systems.

6.a)   What is a Grid? Explain the architecture of a Grid.
  b)   Explain benefits, drawbacks and applications of grid computing.

7.a)   Briefly explain Computational grid and Data grids.
  b)   Explain the relationship between Grid and various Distributed Technologies.

8.a)   Make a comparison of WWW and Lotus Notes.
  b)   Compare and Contrast between TIB and JINI.

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