

R09

Code No: D0501, D5801, D2501

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech II - Semester Examinations, March 2011

DISTRIBUTED COMPUTING

**(COMMON TO COMPUTER SCIENCE, COMPUTER SCIENCE & ENGINEERING,
SOFTWARE ENGINEERING)**

Time: 3hours

Max. Marks: 60

**Answer any five questions
All questions carry equal marks**

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1. a) What is meant by Distributed system, Give some examples.
b) Explain about the architecture of distributed applications. [6+6]
2. a) Explain various forms of computing.
b) Explain about peer-to-peer paradigm. [6+6]
3. a) Explain about RPC Model.
b) Explain how to choose a paradigm for an application. [6+6]
4. Explain Inter ORB Protocols. [12]
5. a) Explain CORBA object references.
b) Give an example for CORBA application. [6+6]
6. a) Compare WWW and Lotus Notes.
b) Explain about Mobile Agents. [6+6]
7. a) Compare computational grid with data grid.
b) Explain various grid components. [6+6]
8. Explain about cluster Architecture along units applications. [12]
