

R09

Code No: D5801

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech II- Semester Regular Examinations September, 2010

DISTRIBUTED COMPUTING

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

Time: 3hours

Max. Marks: 60

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

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- 1.a) Explain about different forms of computing.
b) Explain about strengths & weaknesses of Distributed Computing.
- 2.a) Explain operating system concepts relevant to distributed computing.
b) Explain the Client-Server paradigm.
3. Explain the Distributed objects paradigms in detail.
- 4.a) Explain about COBRA object services.
b) Write about JAVA IDL.
- 5.a) Explain about COBRA object interface.
b) Compare TIB and JINI.
- 6.a) Explain about the characteristics of Multi Media data.
b) What are the various applications of Grid Computing?
- 7.a) Explain about the grid architecture.
b) What are the drawbacks of grid computing?
8. Explain various parallel programming models and paradigms.

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