

Code No: B6201

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech II Semester Examinations, October 2011

**GRID COMPUTING
(WEB TECHNOLOGIES)**

Time: 3hours

Max. Marks: 60

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

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- 1.a) Define Grid computing and list four important applications of Grid computing?
b) Draw structure of Grid computing and explain its activities? [12]
2. Draw the Grid Architecture and describe its relationship to others distributed technologies? [12]
- 3.a) Write any four differences between Web services and Grid services?
b) Describe the service oriented architecture and web service architectures? [12]
- 4.a) Explain the business on demand and infrastructure virtualization?
b) List the four roles of grid computing organizations and give brief note of each one? [12]
- 5.a) Describe the naming and change management recommendations?
b) Name three service architecture concepts and explain each one of them? [12]
6. Draw the structure of common management model and explain each component of the model? [12]
- 7.a) Explain how the Grid software architecture could be different from Grid architecture?
b) List out and explain the high level services? [12]
8. Write short notes on
a) Online media and entertainment
b) OGSA. [12]
