

Code No: D6204

R09

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech II - Semester Examinations, March/April 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) Explain some of its activities and applications?
b) Differentiate between early grid activities and current Grid activities. [6+6]
2. Explain about Grid Architecture in detail and its relationship to others distributed technologies. [12]
3. a) Write a brief note on Grid computing organization?
b) What is the life cycle of a Grid Service Instance? [6+6]
4. a) Discuss Online media and entertainment in Open Grid service Infrastructure.
b) Explain briefly about Introduction to OGSI. [6+6]
5. Explain the major steps which include when merging the grid service Architecture with the web service Architecture. [12]
6. a) Write the overview of Grid Business Areas.
b) Write a short note on Grid details of OGIS Specializations. [6+6]
7. Discuss the following:
a) Open Grid service Architecture
b) Technical specifications of OGSI. [6+6]
8. Define the following:
a) Security Architecture.
b) OGSA Infrastructure. [6+6]
