**Code No: C6209** 

## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD M.Tech I Semester Examinations March/April-2011 STORAGE AREA NETWORKS (WEB TECHNOLOGIES)

**Time: 3hours** Max.Marks:60

**Answer any five questions** 

All questions carry equal marks		
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1. a) b)	Describe the challenges in data storage and management. Discuss the overview of database server configuration.	[12]
2. a) b)	Mention the components of a Storage system environment and explain. What is RAID? Explain the implementation of RAID.	[12]
3. a) b)	Explain High-level architecture and working of an intelligent storage syste Write a short note on Intelligent Storage Array.	em. [12]
4. a) b)	Explain the architecture of SAN and its components. Distinguish General purpose Servers and NAS devices.	[12]
5. a) b)	Distinguish between business continuity (BC) and disaster recovery (DR). Explain single points of failure in a Storage infrastructure and list solumitigate these failures.	
6. a) b)	Identify key areas to monitor in a data center. Explain the architecture of backup/recovery. Discuss backup granularity.	[12]
7.	Explain Storage security framework and storage security domains. I analyze the common threats in each domain.	List and [12]
8. a)	What is a Storage Virtualization? Explain different type of storage Virtualizations.	
b)	Write short notes on SNIA storage virtualization taxonomy.	[12]

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