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

| 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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