R09

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)   Describe the challenges in data storage and management.
   b)   Discuss the overview of database server configuration.   [12]

2. a)   Mention the components of a Storage system environment and explain.
   b)   What is RAID? Explain the implementation of RAID.   [12]

3. a)   Explain High-level architecture and working of an intelligent storage system.
   b)   Write a short note on Intelligent Storage Array.   [12]

4. a)   Explain the architecture of SAN and its components.
   b)   Distinguish General purpose Servers and NAS devices.   [12]

5. a)   Distinguish between business continuity (BC) and disaster recovery (DR).
   b)   Explain single points of failure in a Storage infrastructure and list solutions to mitigate these failures.   [12]

6. a)   Identify key areas to monitor in a data center.
   b)   Explain the architecture of backup/recovery. Discuss backup granularity. [12]

7.   Explain Storage security framework and storage security domains. List and analyze the common threats in each domain.   [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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