

R09

Code: 9A05805

B.Tech IV Year II Semester (R09) Advanced Supplementary Examinations, July 2013

STORAGE AREA NETWORKS

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

- 1 What is information life cycle? Explain its management and implementation.
- 2 Explain in detail about the logical components of host in a storage system environment.
- 3 Explain in detail about RAID 0 and RAID 6 configurations.
- 4 (a) What are the factors affecting NAS performance and availability? Discuss in detail.
(b) Explain how the performance of NAS can be affected if the TCP window size at the sender and the receiver are not synchronized.
- 5 Explain about a BC planning lifecycle.
- 6 (a) What are the considerations for performing backup from a local replica?
(b) What is the difference between a restore operation and a resynchronization operation with local replicas? Explain with examples.
- 7 Explain how security is implemented in a FC-SAN.
- 8 Explain about different types of storage virtualizations. Write notes on Rainfinity.
