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Roll No

MCA-402 (New)
M.C.A. IV Semester
 Examination, June 2017
Information Storage And Management
Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
 ii) All questions carry equal marks.

1. Explain briefly about the evolution of storage technology and Architecture.
2. What is structured and unstructured data? What are the challenges of storing and managing unstructured data?
3. Compare the RAID level in terms of storage efficiency cost, read and write performance, write penalty and protection.
4. Discuss various factors that affect the performance of disk drives.
5. What is NAS? Explain how the performance of NAS can be affected if the TCP window size at the sender and receiver not synchronized.
6. Differentiate between DAS, CAS and SAN technologies.

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7. Explain the benefits and challenge of using cloud storage for achieving?

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8. Answer any four of the following.

- a) Explain the concept of Data categorization?
- b) Discuss the key components of a "Disk Drive".
- c) Give the applications of DAS.
- d) Discuss various key management metrics.
- e) Write down the benefits of cloud computing?
- f) What are the various applications and services on cloud?

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