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Total No. of Questions : 8]

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Roll No

CS-704 (GS)**B.E. VII Semester**

Examination, December 2017

Grading System (GS)**Information Storage and Management****Time : Three Hours****Maximum Marks : 70**

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

1. a) Discuss briefly the evolution of various storage technologies.
 b) Explain data proliferation. What are the effective solution to it? Explain.
2. a) What do you mean by data categorization? Discuss Data Reference Model (DRM) and benefits of using a DRM.
 b) What is RAID and describe its level? In which condition RAID level used.
3. a) Explain the component architecture of intelligence disk subsystems? Also explain various properties of disk.
 b) What is command queuing? Discuss most commonly used command queuing algorithms?
4. a) What do you understand by data mapping? Explain its various types.
 b) Explain the major components of storage system environment.

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5. a) What is JBOD? Describe its architecture features and disadvantages.
 b) Write a brief note on network storage giving the benefits it provides to organization.
6. a) What is CAS? Describe architecture of CAS with diagram? Write the steps to process of data retrieval from CAS.
 b) What is disaster recovery? Explain the importance of disaster recovery planning.
7. a) What is storage virtualizations? How is it important? Explain with diagram.
 b) Explain cloud computing architecture? What are the services provided by the cloud? Explain with example.
8. Write short notes :
 i) Cloud Integration
 ii) Cloud Storming
 iii) Cloud burst
 iv) SNMP

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