**Register No:**

**Date: 20-04-2015**

**St. Joseph’s College (Autonomous), Bangalore**

**IV Semester Examination, April 2017**

**M.Sc Computer Science**

**CS 0415 : Data Storage Technologies**

**Time 2.5 Hrs Max Marks 70**

**This paper contains 1 printed pages and 1 part**

**PART-A**

**Answer any SEVEN questions 10 x7 = 70**

1. Explain all the key characteristics of a data center.
2. Explain in detail about the different disk drive components.
3. a) Explain the two RAID implementation methods. (6 marks)

 b) Explain Striping and Mirroring. (4 marks)

4. a) Explain RAID 6 in detail. (5 marks)

 b) Explain RAID impact on Disk Performance. (5 marks)

5. Explain the components of Intelligence Storage Systems.

6. Explain in detail about types of intelligent storage systems.

7. Explain in detail about FC Connectivity.

8. Explain FCoE Enabling Technologies.

9. Explain in detail about the components of NAS.

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