

**SRM University, Kattankulathur**  
**Department of Information Technology**  
**IT 1019 Information Storage & Management**  
**Cycle Test -I**

**Degree : B.Tech**  
**Year/Sem: III/VI**  
**Duration: 2 Periods**

**Specialisation: IT**  
**Date: 02-03-2017**  
**Max. Marks: 50 marks**

**PART A (5x4=20)**  
**Answer any 5 questions**

1. List the data center core elements.
2. Brief about LUN Masking
3. Explain NAS I/O operation
4. A company is considering implementing storage. They do not have a current storage infrastructure to use, but they have a network that gives them good performance. Discuss whether native or bridged iSCSI should be used and explain your recommendation.
5. Discuss about key benefits of object based storage.
6. Draw the types of mesh topology of FC SAN.

**Part B (2 X15 =30)**

- 7.a.Explain about Front end and back end components of ISS. (15)  
(or)
- 7.b.write short note on:
- i. Data center Key characteristics (7)
  - ii. Application and memory virtualization. (8)
- 8.a. Explain about components of FC SAN (15)  
(or)
- 8.b.i. Discuss about NAS file sharing protocols (10)
- ii. Brief about Key features of CAS. (5)