**Storage Area Network**

1. What is data center? Explain the key characteristics of a data center with a neat diagram.
2. Explain the Architecture and evolution of storage technology with neat diagram
3. What are the core elements of Data Center? Explain key characteristics of Data Center
4. Describe ILM implementation in detail? Mention its benefits
5. What is RAID? Explain Software and Hardware RAID implementation.
6. Explain the three RAID techniques

Mirroring

Stripping

Parity

1. Explain RAID 3 and RAID 4 in detail.
2. Compare between RAID 5 and RAID 6
3. Compare different RAID levels.
4. What is hot spare? Explain with neat diagram
5. What is impact of RAID on disk performance
6. Explain the challenges of designing applications
7. Problems on Calculation of disk load