1. a) The amount of data stored by applications is growing at a phenomenal rate. What exactly it describes?
b) Give one example to elucidate why application-specific, time-varying specification of data requirements is useful.
c) Explain complete functioning of context addressable storage.
d) What are different logical components of I/O channel?
e) How can you implement a Disk Cache in Disk Subsystems?
f) What are different types of Types of Backup Operations?
g) Discuss SAN Backup Implemented in Tape Libraries.

2. a) What is the idea of Virtual Tape? Explain component architecture of intelligent disk subsystem.
b) Differentiate between Local Business Continuity Techniques and Remote Business Continuity Techniques.

3. a) Explain concept of requirement data with infrastructure analysis.
b) Describe new storage connectivity options that extend the I/O channel.

4. a) Explain in detail RAID reliability and availability advantages.
b) What are various key requirements for data center elements?

5. a) Explain performance scaling advantages of SANs.
b) Draw the structure of Fibre Channel Networks.

6. a) List requirements for establishing a data centre.
b) How do you see five pillar of data management technology?
c) Explain SNMP Configuration, Policy Management and Task Automation.

7. a) What are the different business processes involved in managing an event? What data do you need to capture and from what sources?
b) Explain variations in Internet caching.