Quiz 1: Storage

1. What is the most basic level of storage  
a) SAN  
b) DAS  
c) NAS  
d) ISCSI

2. A NAS solution is most appropriate for what type of data environment  
a) Secured Access  
b) Shared access  
c) Remote access  
d) Parallel access

3. Which three statements describe differences between Storage Area Network (SAN) and Network Attached Storage (NAS) solutions? Choose three.  
i. SAN is generally more expensive but provides higher performance  
ii. NAS uses TCP/IP for communication between hosts and the NAS server  
iii. NAS requires additional hardware on a host: a host bus adapter for connectivity  
iv. SAN uses proprietary protocols for communication between hosts and the SAN fabric

a) i,ii, iii  
b) i, ii, iv  
c) ii, iii, iv  
d) i, ii, iii

4. I/O requests to disk storage on a SAN are called  
a) File I/Os  
b) SAN I/Os  
c) Block I/Os  
d) Disk I/Os  
  
5. What’s the demerits of DAS ?  
a) Interconnect limited up to 10km  
b) Excessive network traffic  
c) Distance limitations and slow speed  
d) Distance limitations and Inability to share data with other servers

6. Which topology is best suited for medium sized enterprise.  
a) NAS  
b) SAN  
c) DAS  
d) None of the mentioned

7. Disk controller driver in DAS architecture is replaced in SAN either with ——  
a) FC Protocol  
b) iSCSI  
c) TCP/IP stack  
d) Any one of the mentioned

8. Which storage technology requires downtime to add new hard disk capacity  
a) DAS  
b) SAN  
c) NAS  
d) None of the mentioned

9. In SAN storage model, the operating system view storage resources as —— devices  
a) FC  
b) SCSI  
c) SAN  
d) None of the mentioned

10. Identify a network file protocol in the below mentioned set.  
a) FC  
b) CIFS  
c) SCSI  
d) NAS