

SNIA Storage Network Foundations (S10-100)
Practice Questions

These practice questions are designed to give the test taker a sample of the type and style of questions on the SNIA Storage Network Foundations exam. These questions are not on the test itself.

The answer key is at the end of this document.

Question #1

What is used to reduce the effective time required to read data from or write data to a lower speed memory or device?

- A. cache
- B. host bus adapter
- C. Fibre Channel switch
- D. logical diskmanager

Question #2

Which three access paths are defined in the SNIA Shared Storage Model? (Choose three.)

- A. using a database
- B. using a file system
- C. using a redundancy manager
- D. connecting directly to the storage device
- E. using a database on top of a file system on top of a NAS cache function

Question #3

Which devices represent a tier-three member of three tiered storage architecture? (Choose two)

- A. Tape Device
- B. RAID Controller
- C. Clustered Server
- D. ATA Disk Drive

Question #4

What are two roles in the distributed SCSI model? (Choose two.)

- A. SCSI target is the client
- B. SCSI target is the server
- C. SCSI initiator is the client
- D. SCSI initiator is the server

Question #5

Which IP based protocols can be used to extend connectivity between FC SAN devices? (Choose two)

- A. FCIP
- B. iFCP
- C. iSNS
- D. iSCSI

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Question #6

What are advantages of NAS? (Choose two)

- A. Snapshots for data recovery
- B. Heterogeneous file sharing
- C. RAID controller-like storage functions
- D. Provides block storage access

Question #7

Which three infrastructure views are made invisible to the host using storage virtualization? (Choose three.)

- A. physical pathing
- B. device availability
- C. physical data location
- D. device characteristics

Question #8

Which storage management components allow the end user to mine file systems, databases, email and other applications?

- A. device managers
- B. logical data managers
- C. non-resource managers
- D. storage network managers

Question #9

A company has created a point-in-time database copy process which uses a "Copy-On-Write" Snapshot. Two databases must be copied. Database A is write intensive and Database B is not write intensive.

What is the performance impact of the point-in-time copy process in terms of I/O operations?

- A. No impact on either database
- B. Similar impact on both database applications
- C. A greater impact on Database A than on Database B
- D. A greater impact on Database B than on Database A

Question #10

A financial services company is implementing a disaster recovery program for its data center. The mirrored (remote) storage array must be updated synchronously from the primary storage ARRAY. The banking applications are write-intensive.

Where should the mirrored array be located to be cost effective and to satisfy the bank's needs?

- A. Right next to the primary array using copper-based media attachment
- B. In a building 3 kilometers away using single-mode fiber media attachment
- C. In the same building on a different floor using multi-mode fiber attachment
- D. In a building 200 kilometers away using an installed DWDM solution

Answer Key: Next Page

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Answer Key:

1 – a, 2 – abd, 3 – a,d 4 – bc, 5 – ab, 6 – bc, 7 – acd, 8 – b, 9 –c, 10 -b