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Exam : 646-011

**Title : Storage Networking Cisco
Storage Sales Specialist
(CSSS)**

Version : DEMO

1. Which protocol is most commonly implemented when connecting mainframes to storage arrays?

- A. FC
- B. GbE
- C. FCIP
- D. DWDM
- E. ESCON/FICON

Answer: E

2. In a fabric environment, Cisco's two primary competitors are _____. (Choose two.)

- A. Nishan
- B. QLogic
- C. McData
- D. Brocade
- E. CNT (INRANGE)

Answer: AD

3. Which storage applications are part of the Cisco Utility model and reside in the network?

- A. server clustering
- B. virtualization and provisioning
- C. data base replication and virtualization
- D. snap copy and application management

Answer: B

4. What is the function of the Advanced Services Module (ASM)?

- A. acts as a gateway for a Fibre Channel device to the Internet
- B. provides a platform for multiprotocol connectivity to existing storage devices
- C. delivers hardware-assisted, network-hosted virtualization and replication services
- D. enables pooling of heterogeneous storage for increased storage utilization, simplified storage management, and reduction of the total cost of storage ownership

Answer: C

5. Typical service for the MDS product is_____.

- A. sold by Cisco
- B. sold by the VAR
- C. a SmartNet offering
- D. bundled as warranty

Answer: D

6. Which Cisco product aggregates up to 8 Fibre Channel interfaces onto a single 10 Gigabit per second wavelength, without using SONET or SDH?

- A. 7200/7400
- B. MDS-9000
- C. ONS 15530
- D. ONS 15540 ESPx

Answer: C

7. Which statement about a Virtual SAN (VSAN) is true?

- A. It requires the use of the IP Services module.
- B. It must be used for iSCSI implementations only.
- C. It is a feature that can only be used to help consolidate servers and storage.
- D. It is a logical separation of traffic, services, and management within one physical switch.

Answer: D

8. What is the SAN Extension solution that utilizes multiple wavelengths across a fiber pair for transport and is amplifiable for longer distance applications?

- A. FCIP
- B. DWDM
- C. CWDM
- D. Dark Fiber
- E. FC over SONET/SDH

Answer: B

9. What Cisco networking products do storage-to-storage replication over IP networks using FCIP?

- A. 9216 and 9506 MDS
- B. 7200 and 7400 routers
- C. the Catalyst 6500 and the 7200
- D. the 7000 router and the 9000 MDS

Answer: A

10. The support of multiple protocols within the MDS 9000 family _____. (Choose two.)

- A. allows the platform to support cost-effective DAS storage connectivity
- B. allows the customer to offer Fibre Channel connectivity and low-cost iSCSI connectivity through the fabric
- C. allows the customer cost-effective business continuance solutions with FCIP connectivity through the fabric
- D. allows the customer to design fault tolerant solutions with the bandwidth aggregation capabilities of the product

Answer: BC

11. A customer wants to use scripting on the MDS platform. Which management interface should they use?

- A. RME
- B. Fabric Manager
- C. Element Manager
- D. Command Line Interface (CLI)

Answer: D

12. In synchronous replication, Cisco DWDM products transmit data _____.

- A. utilizing VPN to insure QOS
- B. using tunneling techniques like FCIP

- C. utilizing FCIP over fibre optic network
- D. without changing the signal over a fibre optic network

Answer: D

13. Which three statements are true? (Choose three.)

- A. The MDS 9000 family supports Fibre Channel connectivity and low-cost iSCSI connectivity in the fabric.
- B. The MDS 9000 family supports multiple protocols which allows the platform to support cost effective storage connectivity.
- C. The MDS 9000 platform supports TCP/IP natively which allows any port to function as either an Ethernet or Fibre Channel port.
- D. By providing FCIP in the same platform, the MDS 9000 offers the customer a cost-effective implementation of enterprise-wide business continuance with common management, security, and diagnostic software.

Answer: AD

14. How are SAN backups different from LAN and dedicated backups?

- A. SAN backups require LAN bandwidth and server processing.
- B. Multiple servers can write to the same tape drives and shorten the backup window.
- C. Dedicated backups utilize the SAN resources most efficiently shortening backup windows.
- D. LAN backups utilize the LAN network efficiently and enhance manageability of multiple backups.

Answer: B

15. Which statement is true about Virtual SAN (VSAN) statistics?

- A. VSAN statistics are gathered on a global basis.
- B. VSAN statistics are only available via third-party management software.
- C. VSAN statistics are only available via CiscoWorks management software.
- D. Special traffic counters are provided to track statistics on a per-VSAN basis.

Answer: D

16. What are two characteristics of NAS storage? (Choose two.)

- A. provides file level access to storage with file locking to facilitate file sharing
- B. focuses on applications that require file sharing, like engineering or web services
- C. provides block level access to data for high performance database applications
- D. offers fast, efficient, and robust recovery capabilities for mission-critical environments

Answer: AB

17. What are three methods for managing the MDS platform? (Choose three.)

- A. CLI
- B. Cisco RME
- C. Web-based interface
- D. Cisco Campus Manager

Answer: ABC

18. Which three MDS features enable SAN island consolidation? (Choose three.)

- A. FSPF
- B. Device Manager
- C. inter-VSAN routing
- D. role based access control
- E. separate fabric services per Virtual SAN (VSAN)

Answer: CDE

19. Asynchronous replication is highly dependent upon which network functions?

- A. QOS, security, and high bandwidth
- B. QOS, compression, and diagnostics
- C. compression, security, and multiprotocol support
- D. security, network availability, and multiprotocol support

Answer: A

20. Which three protocols does the MDS product line support? (Choose three.)

- A. FCIP
- B. iFCP
- C. iSCSI
- D. Fibre Channel Protocol (FCP)

Answer: ACD