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**Vendor:** Cisco

**Exam Code:** 642-993

**Exam Name:** Data Center Unified Computing Systems  
Design (DCUCD)

**Version:** DEMO

**QUESTION 1**

Which two design considerations are most often used when deploying Virtual Machines on the Cisco Systems Nexus 1000V? (Choose two.)

- A. VSANs to be supported must be configured in the Fabric Manager on the MDS switches
- B. The default VSAN is preconfigured in the Cisco UCS manager.
- C. The default VSAN is chosen as the default connectivity for all vNICs
- D. All VSANs in heterogeneous fabrics are used internally by the Cisco UCS system

**Answer:** BD

**QUESTION 2**

Which three of these items are functions of the VMware vCenter Capacity IQ? (Choose three.)

- A. Pre-Virtualization tool
- B. pre-virtualization environment analysis
- C. virtual machine automatic activation
- D. capacity identification and reclamation
- E. capacity shortfalls and needs forecasting

**Answer:** CDE

**QUESTION 3**

Which cost factor is most likely to show the greatest increase when a data center is operating at less than maximum hardware efficiency?

- A. facilities costs
- B. capital expenditures
- C. human resource costs

**Answer:** A

**QUESTION 4**

What two items are considered when assessing storage performance? (Choose two)

- A. SAN throughput
- B. number of VSANs
- C. number of SAN Domains
- D. maximum number of LUNS

**Answer:** AB

**QUESTION 5**

In Cisco UCS, hardware-based failover is supported for Ethernet vNICs. To achieve similar failover capability on a SAN using a vHBA, which technology must be used to deploy multiple paths for redundancy?

- A. redundant IOMs
- B. primary and backup VSANs

- C. host multipathing software
- D. primary and backup fabric interconnects

**Answer: C**

**QUESTION 6**

Which solution would most likely be used to achieve high availability in Cisco Unified Computing network?

- A. multiple firewalls
- B. redundant links
- C. larger broadcast domains
- D. additional CPUs to provide additional virtual machines

**Answer: B**

**QUESTION 7**

What type of cable must be used when connecting the UCS 6100 to the Nexus 7000?

- A. Category 5 shielded twisted pair
- B. Category 6 shielded twisted pair
- C. 10BASE-CX4 pre-terminated on SFP+ copper transceivers
- D. 50/125 multi-mode Fiber optic cabling with SFP+ optical transceivers

**Answer: D**

**QUESTION 8**

What is the purpose of a VSAN in a Cisco Data Center network?

- A. to share the zoning across other configured VSANs
- B. to provide distributed service within the SAN fabric
- C. to advertise the existence of LUNs across the storage area management fabric
- D. to facilitate logical end-to-end separation within a single physical storage infrastructure

**Answer: D**

**QUESTION 9**

What are three types of business pressure that data centers are experiencing?(Choose three)

- A. language barrier
- B. collaboration
- C. SLA metrics
- D. global availability
- E. separate infrastructures and support organizations

**Answer: BCD**

**QUESTION 10**

Which two are Cisco Unified Computing Business Advantages? (Choose two.)

- A. Less efficient cooling
- B. Higher cost per computing unit
- C. Facilities-less space used
- D. Increased total cost of ownership
- E. Lower power consumption costs

**Answer:** CE

**QUESTION 11**

Which adverse condition occurs when virtualized servers increase server density?

- A. increased power costs
- B. increased cabling costs
- C. decreased power efficiency
- D. decreased Cabling costs

**Answer:** A

**QUESTION 12**

Which two environmental conditions would most likely be considered first when planning when planning a Data Center facility? (Choose two)

- A. humidity level
- B. cabling infrastructure
- C. operating temperature
- D. emergency fire sprinkler system

**Answer:** AC

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