Vendor: CISCO

Exam Code: 642-993

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

Version: DEMO
1. What are three features of the components that make up Cisco Datacenter 3.0? (Choose three.)
   A. Virtual Machines
   B. Virtualized Storage
   C. Security Manager
   D. Consolidated Connectivity
   E. Desktop Consolidator
   **Answer:** A, B, D

2. Which design criteria would be considered environmental criteria?
   A. improve security
   B. simplify system cabling
   C. reduce management effort
   D. simplify the data center architecture
   **Answer:** B

3. What two key network aspects are attained when implementing a Cisco Data Center Computing Solution? (Choose two.)
   A. throughput
   B. storage capacity
   C. high availability
   D. cable management
   **Answer:** A, C

4. Which two expansion modules does the UCS 6120 Fabric Interconnect support? (Choose two.)
   A. Ethernet 10 GE(6polt)
   B. Ethernet 1 GE(6polt)
   C. Fibre Channel 1, 2, and 4 Gbps (8 port)
   D. Fibre Channel 1, 2, 4, and 8 Gbps (8 port)
   **Answer:** A, C

5. High availability in Cisco Data center Networking is implemented using which two techniques? (Choose two)
   A. Extended Spanning Tree Protocol
   B. Virtual Router Redundancy Protocol
   C. Cisco Datacenter Redundancy Protocol
   D. High availability module of the NX-operating system
   **Answer:** A, B

6. The Cisco Unified computing solution provides which three advantages? (Choose three.)
   A. use of Private VDANs
   B. server statelessness
C. higher memory capacity  
D. use of industry standard servers  
**Answer:** B,C,D

7. Which four products are included in the Cisco Datacenter 3.0 portfolio? (Choose 4)  
A. ASA 5500  
B. Nexus 1000v  
C. Catalyst 3560  
D. MDS 9500  
E. UCS Manager  
F. UCS 6100 Fabric Interconnect  
**Answer:** B,D,E,F

8. Which statement is true regarding UCS ports dedicated as external LAN device uplinks?  
A. Ports carry VLAN traffic only  
B. Ports are configured as ISL trunks  
C. Spanning tree must be enabled on these ports  
D. Ports are configured as access ports  
**Answer:** C

9. Which of the following design criteria would be considered technical criteria?  
A. increase computing density  
B. simplify the data center architecture  
C. decrease security requirements through virtualization  
D. reduce power while increasing computing capacity  
**Answer:** B

10. 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:** B,D

11. VMware vCenter CapacityIQ is useful for which two functions? (Choose two.)  
A. virtual machine management  
B. capacity of storage devices  
C. virtual machine automatic activation  
D. capacity identification and reclamation  
E. capacity shortfalls and needs forecasting  
**Answer:** D,E
12. 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

13. 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:** A, B

14. How is redundancy typically accomplished on SAN links in a UCS implementation? 
   A. redundant IOM modules 
   B. primary and backup VSANs 
   C. host multipathing software 
   D. primary and backup fabric interconnects 
   **Answer:** C

15. 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

16. 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

17. What is the purpose of using a VSAN in Cisco Datacenter networking? 
   A. Prevents FSPF Loops 
   B. Prioritize traffic within the Cisco UCS 
   C. Provide redundant UCS fabric interconnect to Fabric Extenders connections 
   D. Allows a single physical storage infrastructure while logical end-to-end separation 
   **Answer:** D
18. 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: B, C, D

19. 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: C, E

20. 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