Exam : **000-071**

Title : IBM System x Technical
Principles V8

Version : DEMO

1. A customer requires a server platform configured with 64GB of memory using 2GB memory DIMMs. Which IBM System x servers meet these requirements?

I.x3800

II.x3850

IIIx3950

IV.x3755

A. I & II B.

I &IV C. II

& III D. II

& IV

E. III & IV

Answer: E

2. Which blade servers offer the capability to house two hard drives internally?

I.HS20

II.LS20

III.LS41

IV.HS21XM

A. I, II, and III B.

I, II, and IV C. I,

III, and IV D. II,

III, and IV

Answer: A

3. A customer requires a fault-tolerant disk subsystem for their IBM System x3850 server. They want the highest performance possible, while maintaining complete redundancy including a hot spare and the highest net storage capacity. Which RAID level meets the customer's requirements?
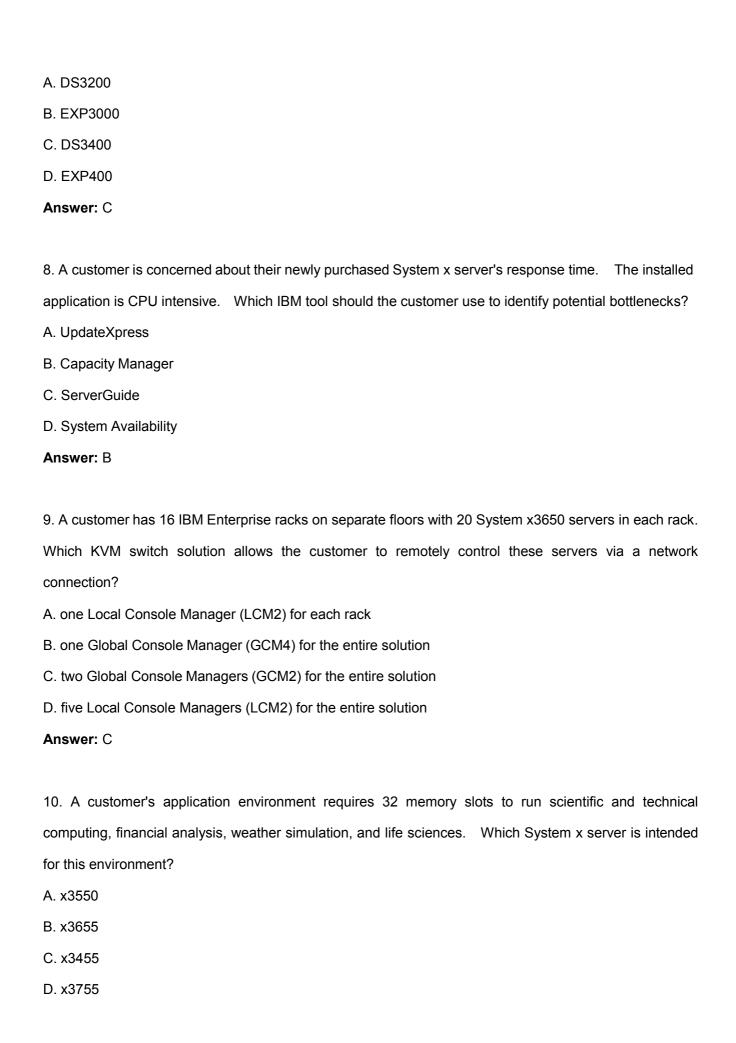
A. RAID-1

B. RAID-5

C. RAID-10

D. RAID-5E

Answer: B

4. If a customer requires high availability and redundancy in IBM System x3950 server's memory subsystem, which technology will meet their requirements?

A. Memory ProteXion

B. XceL4 Cache

C. Chipkill Memory D.

Memory Mirroring

Answer: D

5. A customer has an IBM BladeCenter with ten HS21 Blade servers installed. Currently only one Ethernet port is available for each server.   What is required to enable the second port on each server?

A. Fibre Channel Switch Module

B. Gb Ethernet expansion card

C. Myrinet Cluster expansion card

D. Ethernet Switch Module

Answer: D

6. An enterprise customer with locations world-wide needs to remotely update BIOS and Firmware on their systems.   Which function of IBM Director will help this customer?

A. Software Rejuvenation

B. System Maintenance and Update Tool

C. Software Distribution

D. IBM DeployCenter

Answer: C

7. Which storage subsystem supports Windows 2003 cluster service, VMWare ESX server VMotion, and Fibre Channel host connections?

A. DS3200

B. EXP3000

C. DS3400

D. EXP400

Answer: C

8. A customer is concerned about their newly purchased System x server's response time.   The installed application is CPU intensive.   Which IBM tool should the customer use to identify potential bottlenecks?

A. UpdateXpress

B. Capacity Manager

C. ServerGuide

D. System Availability

Answer: B

9. A customer has 16 IBM Enterprise racks on separate floors with 20 System x3650 servers in each rack. Which KVM switch solution allows the customer to remotely control these servers via a network connection?

A. one Local Console Manager (LCM2) for each rack

B. one Global Console Manager (GCM4) for the entire solution

C. two Global Console Managers (GCM2) for the entire solution

D. five Local Console Managers (LCM2) for the entire solution

Answer: C

10. A customer's application environment requires 32 memory slots to run scientific and technical computing, financial analysis, weather simulation, and life sciences.   Which System x server is intended for this environment?

A. x3550

B. x3655

C. x3455

D. x3755

Answer: D

11. A customer has an x3850 M2 with six 73GB SAS drives installed. They need data protection and at least 300GB of storage. Which RAID level and adapter meets this requirement?

A. RAID-5 and ServeRaid-8i B.

RAID-5 and ServeRaid-8s C.

RAID-5 and ServeRaid-8e D.

RAID-5 and ServeRaid-8k-l

Answer: C

12. Which tool can a technician use to configure the RAID array and install and tune the operating system on a System x server?

A. ServerGuide B.

ipssend utility C.

UpdateXpress D.

ConfigXpert

Answer: A

13. Which Intel-based, System x model supports four 2.5" SAS drives in a 1U form factor?

A. x3250

B. x3455

C. x336

D. x3650

Answer: A

14. A customer wants to run two IBM BladeCenter Chassis. Each chassis has 14 blades, four switches, and four 2000W power supplies. They anticipate that the blades will run at 80-90 percent utilization. They want complete power redundancy.   Which Power Distribution Unit (PDU) configuration meets the customer's requirements?

A. one 30a Single-Phase PDU

B. two 30a Single-Phase PDUs

C. one 60a Single-Phase PDU

D. two 60a Single-Phase PDUs

Answer: D

15. Which operating system supports IBM Director Server 5.20?

A. Microsoft Windows XP Professional Edition

B. Microsoft Windows 2003 Server

C. Microsoft Windows NT 4.0 Server

D. Microsoft Windows 2000 Professional

Answer: B

16. Which alert notification method does the RSA II SlimLine support?

A. SNMP over modem

B. E-mail over modem

C. Serial over LAN

D. E-mail over LAN

Answer: D

17. Which types of storage use World Wide Names (WWN) to identify devices?

I.iSCSI

II.SATA

III.SAS

IV.Fibre Channel

V.SCSI

A. I and II only

B. I and IV only

C. II, III, and IV only

D. I, II, III, and IV only

E. II, III, IV, and V only

Answer: D

18. A customer requires a server that provides spreadsheet, document processing, and presentation graphics programs to thin clients. Which type of server meets these requirements?

A. web server

B. file server

C. database server D.

application server

Answer: D

19. A customer has an existing storage subsystem that consists of IBM System Storage EXP3000 and MegaRAID 8480 adapters.   Which server(s) is compatible with this storage subsystem?

I.x3755

II.x3850

III.x3950

A. I only B.

II only C. I

and II

D. II and III

Answer: C

20. What is the default IP of the RSA II Slimline card?

A. 9.168.70.125

B. 192.168.70.125

C. 9.168.252.1

D. 192.168.252.1

Answer: B

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