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**Exam** : **HP0-255**

**Title** : Planning & Design of HP  
Integrity Mid-Range Server  
Solutions

**Version** : DEMO

**1.Which upgrade is possible with cell boards containing an sx1000 chipset?**

- A.PCI to PCI-X 2.0 I/O
- B.PCI-X to PCI-X 2.0 I/O
- C.SDR to DDR2 memory DIMMs
- D.Itanium 2 to mx2 CPU modules

**Correct:D**

**2.What information is available from the HP Product Bulletin? Select THREE.**

- A.product overview
- B.support information
- C.performance information
- D.configuration information
- E.technical setup instruction
- F.pricing information

**Correct:A D F**

**3.Which cell board architecture supports Itanium 2 processors, PA-RISC dual-core processors and the Itanium dual-processor modules?**

- A.E8870 chipset
- B.EXA chipset
- C.sx1000 chipset
- D.zx1 chipset

**Correct:C**

**4.Which component of the sx1000 chipset provides the connection to the CPUs?**

- A.PDH Riser Board
- B.Cell Controller (CC)
- C.Front-Side Controller (FSC)
- D.System Bus Adapter (SBA)

**Correct:B**

**5.Your customer wants to run Microsoft Cluster Services with Microsoft Windows Server 2003 Datacenter Edition. What is the smallest Itanium server that supports this configuration?**

- A.rx8620
- B.rx7620
- C.rx4640
- D.rx8620 with a Server Expansion Unit (SEU)

**Correct:B**

**6.The Performance Quick Reference Tool (PQRT) can be used to analyze systems using which criteria? Select TWO.**

- A.ISV portfolio
- B.specific system
- C.feature positioning
- D.I/O characteristics
- E.performance range

**Correct:B E**

**7.Which HP Itanium servers can support running Windows, Linux, and HP-UX simultaneously?**

- A.rx8620 and rx7620

- B.rx5670 and rx7620
- C.rx4640 and rx8620
- D.rx8620 and Integrity Superdome

**Correct:D**

**8.The rx8620 Itanium server includes which high-availability features? Select TWO.**

- A.three independent Ultra SCSI buses to internal disks
- B.online CPU replacement
- C.Dynamic Processor resilience and deallocation
- D.N+3 power inputs
- E.online addition and replacement of PCI I/O cards

**Correct:C E**

**9.Your customer needs to upgrade and migrate his On-Line Transaction Processing (OLTP) database from a Solaris SPARC platform. He is considering the HP Integrity server line to consolidate the data center environment. Which resource would you use to match and size the OLTP environment to an HP Integrity server platform running HP-UX11i v2?**

- A.Performance Quick Reference Card (PQRC)
- B.Performance Quick Reference Tool (PQRT)
- C.Microsoft SQL Server Sizing Tool for Integrity (ActiveAnswers Tools)
- D.Enterprise Configurator (eCo)

**Correct:B**

**10.The recommended minimum memory configuration for an rx7620 server cell board is loading eight DIMMs. What is the reason?**

- A.It provides direct memory access to all four frontside buses.
- B.For best performance all four memory data paths should be used.
- C.It provides direct memory access to both frontside buses.
- D.For best performance all eight memory data paths should be used.

**Correct:B**

**11.Your customer has an rx8620 server with an HP Smart Array 6402 Controller and two disks connected. Which RAID type can you configure to ensure fault tolerance?**

- A.RAID 0
- B.RAID 1
- C.RAID 1+0
- D.RAID 5

**Correct:B**

**12.You want to configure an rx8620 server. What is the minimum CPU configuration for a cell board? Select TWO.**

- A.one single-core CPU module
- B.two single-core CPU modules
- C.two dual-core CPU modules
- D.four single-core CPU modules
- E.one dual-core CPU module

**Correct:B E**

**13.Adaptive Enterprise capabilities are made possible by which Integrity server feature?**

- A.scalability via mx2 modules

- B.investment protection for TRU64 UNIX customers
- C.re-use of hardware across multiple operating systems
- D.component interchange capability with HP ProLiant servers

**Correct:C**

**14.What is the function of the cell board in HP Integrity mid-range servers?**

- A.provides PCI bus technology for I/O
- B.enables "chip-kill" like redundancy of cache
- C.replaces the test station or maintenance console
- D.provides connections to crossbar, CPU, memory, and I/O components

**Correct:D**

**15.Which attributes can be found in the rx8620 section of the Configuration Guide? Select TWO.**

- A.supported I/O cards
- B.external storage
- C.ISV application support
- D.upgrades
- E.SAN connectivity

**Correct:A D**

**16.Click the Task button. An rx8620 server cell board has four different memory quads. Move the DIMMs to the correct quad location.**

**Move the DIMMs to the correct locations.**

DIMM Location	Quad Location		
DIMMs 1a/b	<table border="1"><tr><td>DIMMs 0a/b</td></tr><tr><td>place here</td></tr></table> Quad 0	DIMMs 0a/b	place here
DIMMs 0a/b			
place here			
DIMMs 2a/b	<table border="1"><tr><td>DIMMs 5a/b</td></tr><tr><td>place here</td></tr></table> Quad 1	DIMMs 5a/b	place here
DIMMs 5a/b			
place here			
DIMMs 4a/b	<table border="1"><tr><td>DIMMs 6a/b</td></tr><tr><td>place here</td></tr></table> Quad 2	DIMMs 6a/b	place here
DIMMs 6a/b			
place here			
DIMMs 7a/b	<table border="1"><tr><td>DIMMs 3a/b</td></tr><tr><td>place here</td></tr></table> Quad 3	DIMMs 3a/b	place here
DIMMs 3a/b			
place here			

**Correct:**

**Green choice1---->Yellow Choice2**

**Green choice2---->Yellow Choice3**

**Green choice3---->Yellow Choice1**

**Green choice4---->Yellow Choice4**

**17.A customer is designing an HP Integrity solution that will take advantage of SAN storage. What tool can be used to determine the appropriate SAN storage configuration for a given server workload?**

- A.HP Enterprise Configurator
- B.HP Enterprise Backup Sizing Tool
- C.SalesBuilder for Windows
- D.HP StorageWorks Sizing Tool

**Correct:D**

**18.If an HP partner requires information about porting software, which resource should he use?**

- A.HP Product Bulletin
- B.SalesBuilder for Windows (SBW)
- C.Developer and Solution Partner Program (DSPP)
- D.HP-UX 11i v2 System Administrator Reference Guide

**Correct:C**

**19.Your customer is currently running OpenVMS on a DS20 AlphaServer. He wants to migrate to the smallest Itanium server that will also allow him to consolidate his Windows Exchange application and provide hardware fault isolation. Which server would you recommend?**

- A.rx5670
- B.rx8620
- C.rx7620
- D.rx4640

**Correct:C**

**20.What is the single most desirable feature of partitioning?**

- A.I/O can be shared between other nPars.
- B.Partition-capable servers have no "single point of failure."
- C.Partition-capable servers have higher memory latency than non-partition-capable servers.
- D.Partition-capable servers enable you to configure a single server as one large system or as multiple smaller systems.

**Correct:D**